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## A NOTE ON THE RELATIONSHIP OF TONSILLECTOMY TO THE OCCURRENCE OF SCARLET FEVER AND DIPHTHERIA.<sup>1</sup>

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The opinion is very commonly expressed by clinicians and pathologists that the tonsils are the usual portal of entry for various infections, among which diphtheria is commonly and scarlet fever sometimes mentioned. It is still more generally believed that hypertrophy of the tonsils definitely increases susceptibility to these infections, presumably by establishing conditions which are especially favorable for the lodgment, multiplication, and persistence of microorganisms. In accordance with this view, the removal of the chronically inflamed or hypertrophied tonsils, especially in children, is advocated not merely for the relief of immediate symptoms but equally or more as a means of protection against subsequent infection.

Concerning the protection, if any, which tonsillectomy actually affords against subsequent attacks of diphtheria and scarlet fever, the direct evidence appears to be quite fragmentary, consisting chiefly of statements by experienced clinicians that they have rarely or never observed these diseases in children whose tonsils had been completely removed, whereas children with hypertrophied and diseased tonsils have furnished a strikingly large proportion of their cases. For example, Welch and Schamberg (1), in support of their assertion that susceptibility to diphtheria is increased by hypertrophy of the tonsils, quote Lennox Browne as follows: "My personal experience leads me to say that diphtheria hardly ever, if ever, occurs in a child under 7 years of age who is not the subject of one or other of these forms of glandular overgrowth." Apropos of the occurrence of diphtheria in children whose tonsils had been removed, Perry (2) quotes the physicians in charge of several isolation hospitals as stating that they had never seen diphtheria in a patient who had had the tonsils enucleated, and as believing that diphtheria and scarlet fever are not found in such

<sup>1</sup> From the Department of Epidemiology, School of Hygiene and Public Health, Johns Hopkins University. Read before the Society of Hygiene, Johns Hopkins University, May 12, 1924.

persons. Likewise Browne and Hughes (3), writing from Australia, state that "from inquiries of certain medical officers who have seen a large number of cases of diphtheria we learn that no case of faucial diphtheria has come under their notice which has occurred in those children who had previously had thorough tonsillectomy and adenoidectomy performed." Such observations as the above, though stated only in general terms without the support of exact records are, nevertheless, impressive by reason of their consistency, because, especially as regards diphtheria, there seems to be no dissent from the view that inflammation and hypertrophy of the tonsils are conditions predisposing to infection.

Observations of similar import, based upon somewhat more definite records are reported by Kaiser (4) from Rochester, N. Y., where some 10,000 children are said to have had their tonsils removed in special clinics within a period of about five months. After an interval of about 10 months, 5,000 of these children were examined by Kaiser, who included in his examination an inquiry as to the occurrence of infectious diseases in the interval, with the result that diphtheria was reported in 18 and scarlet fever in 11 of the 5,000 children examined. It is stated that these figures represented an incidence of diphtheria equal to about one-half and of scarlet fever equal to less than one-half the rates prevailing generally in the city during the same period, but the data are not given in sufficient detail for exact comparisons.

A rather careful, but by no means exhaustive, search of the literature has failed to discover other systematic records of the relative frequency of diphtheria or scarlet fever among children whose tonsils had been removed; and while it is probable that some reference may have been overlooked, it would appear that such records are at least not common nor readily accessible. It has, therefore, seemed worth while to bring together the data here presented, comprising records of the frequency of complete tonsillectomy as observed in Baltimore in (1) a sample of the white children attending public and parochial schools in wards 5, 6, 7, 8, 9, and 10 of the city; (2) a consecutive series of cases of diphtheria as reported in children of school age resident in the same wards; and (3) a sample of scarlet fever cases in white children of school age likewise reported from this area.

#### 1. FREQUENCY OF TONSILLECTOMY AMONG WHITE SCHOOL CHILDREN.

During the winter and spring of 1921-22 more than 5,000 white children attending schools in wards 5, 6, 7, 8, 9, and 10 of the city of Baltimore were examined by Doull and Fales (5) for the primary purpose of determining the proportion of carriers of the diphtheria bacillus; and incidental to this examination a record was made in each

instance of the condition of the tonsils. The children examined were selected from a school population of more than 25,000 and were so taken as to constitute a random sample. In the first two surveys every sixth and in the third survey every fourth child in order of standing on the school rolls was examined, or where no rolls were conveniently available, children were similarly selected according to seating order. The results of these examinations as regards frequency of tonsillectomy are shown in Table 1, from which it is seen that 15.2 per cent of the total examined had had their tonsils removed, the proportion increasing from 6.9 per cent at ages 5 and 6 years to 19.1 per cent at ages 13 and 14 years. Considering the size of the sample and the method of sampling employed, the percentages shown in this table may be regarded as applicable with considerable precision to the entire school population of the area.

TABLE 1.—Numbers and percentages of school children who have had their tonsils removed.

(Data from Doull and Fales' (5), Table D, p. 635.)

WHITE SCHOOLS.

Age.	Number exam- ined.	Number with tonsils removed.	Per cent with tonsils removed.
5 and 6 years.....	549	38	6.9
7 and 8 years.....	1,250	176	14.1
9 and 10 years.....	1,241	185	14.9
11 and 12 years.....	1,303	212	16.3
13 and 14 years.....	1,316	251	19.1
Total.....	5,659	862	15.2

2. FREQUENCY OF TONSILLECTOMY IN CASES OF DIPHTHERIA.

Since November, 1921, workers from this department of the School of Hygiene, and from the United States Public Health Service, in cooperation with the Baltimore City Health Department, have visited and investigated all cases of diphtheria reported in the same wards of the city in which the carrier surveys above mentioned were made. From this number the writer has taken a consecutive series of 264 cases of ages from 5-14 years, as reported to the city health department from January 11, 1922, to April 16, 1924. From this series 9 cases have been excluded because the diagnosis of diphtheria was regarded as doubtful, and 31 additional cases because particulars regarding the condition of the tonsils were not recorded, leaving 224 cases of fairly certain diagnosis in which a definite record concerning the tonsils was made.

If the chance of developing diphtheria were in no way associated with the circumstance of prior tonsillectomy, then we should expect

in this series of diphtheria cases to find evidence of tonsillectomy in approximately the same proportion as already observed in the same school population of corresponding age in the same area. The comparison presented in Table 2 shows, however, that such is not the case. Thus, according to data presented in Table 1, 6.9 per cent of school children aged 5 and 6 years have had their tonsils removed; and, applying this percentage to the 94 diphtheria cases of this age included in our series, we would expect to find among them about 6 children showing evidences of tonsillectomy if this operation had no relation to the occurrence of diphtheria. Making a similar calculation for each age group and summing up the figures as in Table 2 (column *c*) we should expect, in the series of 224 cases, to find about 26 children giving evidence of prior tonsillectomy if the liability to infection were equal in such children and in those whose tonsils had not been removed. However, instead of the expected 26 only 2 cases were found in which the tonsils had been removed, indicating that such children form a much smaller proportion of diphtheria cases than of the general population of corresponding ages. This difference, unless it can be accounted for as due to the chance fluctuations occurring in the process of sampling may be taken as indicating that children whose tonsils have been removed are less liable to diphtheria than other children in the same environment and presumably equivalent in other respects.

It is obvious from simple inspection of the figures given in Table 2 that the difference between the expected number (26) of children with tonsils removed and the actually observed number (2) is not likely to have occurred as a simple sampling error. The probability that it may have occurred by chance fluctuation may, however, be tested statistically. Considering the large size of the samples on which they are based, the percentages shown in column (*b*) and the expected cases shown in column (*c*) may be considered fairly stable; and the first method given by Pearson (6) for testing frequency distributions for goodness of fit is considered applicable. Using the nearest integrals of column (*c*) in comparison with the figures of column (*d*) in applying this test, a chi-square value of 21.6 is obtained, which, according to Pearson's tables (6, p. 26), indicates that a difference as great as or greater than that actually observed may be expected to occur in random sampling less than three times in 10,000 trials.



TABLE 2.—*A comparison of the actual with the expected frequency of tonsillectomy among diphtheria cases, by two-year age periods.*

Age.	Total number of diphtheria cases (white) examined.	Per cent of school population with tonsils removed (from Table 1, above).	Expected number of diphtheria cases with tonsils removed.	Actual number of cases with tonsils removed.
	(a)	(b)	(c)	(d)
5 and 6 years.....	94	6.9	6.5	0
7 and 8 years.....	72	11.1	10.2	1
9 and 10 years.....	36	14.9	5.4	0
11 and 12 years.....	12	16.3	2.0	1
13 and 14 years.....	10	19.1	1.9	0
Total.....	224		26.0	2

It may therefore be concluded that in this observation there is a significant negative association between tonsillectomy and the occurrence of diphtheria; in other words, when the tonsils have been removed children are distinctly less liable to contract diphtheria than other children of corresponding age under similar environmental conditions. The observations refer to only one locality and to a rather brief period of time; but, considering the agreement with general clinical experience, it seems probable that a similar negative association between tonsillectomy and liability to diphtheria may be more or less general.

### 3. FREQUENCY OF TONSILLECTOMY AMONG SCARLET FEVER CASES.

In order to secure material for a comparable study of the relationship of tonsillectomy to the occurrence of scarlet fever, the names and addresses of all the cases of scarlet fever notified in the same wards of the city during the year 1923, some 450 cases in all, were secured through the courtesy of the Baltimore City Health Department. Of these, 193 were located and identified in 15 different schools and examined by the writer between April 10 and April 18, 1924. Altogether 19 children were found who had had tonsillectomy performed prior to attack, the date of removal of the tonsils being verified in each instance from the school record card and from the parents, either by correspondence or by personal visits to the home. For the most part the operations had been performed by well-known surgeons, and in 16 of the 19 cases no evidence of tonsillar tissue was noted. In each of the remaining three a small tag, which apparently was tonsillar tissue, was visible low down between the pillars.

The age distribution of the scarlet fever cases and the number with tonsils removed which would have been expected to occur among

a random sample of 193 school children from this area are shown in Table 3.

TABLE 3.—*A comparison of the actual with the expected frequency of tonsillectomy among scarlet fever cases, by two-year age periods.*

Ages.	Total number of scarlet fever cases (white) examined. (a)	Per cent of school population with tonsils removed (from Table 1 above). (b)	Expected number of scarlet fever cases with tonsils removed. (c)	Actual number of cases with tonsils removed. (d)
5 and 6 years.....	43	6.9	3.0	2
7 and 8 years.....	81	14.1	11.4	5
9 and 10 years.....	46	14.9	6.9	7
11 and 12 years.....	20	16.3	3.3	4
13 and 14 years.....	3	19.1	.6	1
Total.....	193	-----	25.2	19

The difference between the expected numbers, column (c), and the actual numbers, column (d), of children with tonsils removed is obviously insignificant. Applying the same test as in the series of diphtheria cases, the chi-square value is found to be 3.9, which, from Pearson's tables (6, p. 26), indicates that a difference as great or greater between the expected and the actual might be expected to occur in random samples about 40 times in 100 trials. There is, therefore, no significant association between tonsillectomy and the occurrence of scarlet fever.

This difference between scarlet fever and diphtheria as regards relationship to tonsillectomy is somewhat surprising in view of the clinical experience which has previously been cited; also in view of recent experimental work in scarlet fever, especially that of G. F. and G. H. Dick (7) and of Dochez (8), which has tended to revive the theory that this disease is analogous to diphtheria in that it is primarily a local infection in which the general symptoms are caused, as in diphtheria, by a toxin produced in the throat.

#### SUMMARY.

1. Surveys of the white school population of wards 5, 6, 7, 8, 9, and 10 of the city of Baltimore show that the percentages of children having had the tonsils removed varies from approximately 7 per cent at ages 5 and 6 to 19 per cent at ages 13 and 14.

2. A study of a consecutive series of 224 cases of diphtheria of school age and living in the same area of the city showed that only two (0.9 per cent) of the children had had tonsillectomy performed. This is a very much smaller number than would be expected in a sample of this size and age distribution selected at random from the school population.

3. In a sample of 193 cases of scarlet fever in children of school age, 19 (9.8 per cent) were found to have had the tonsils removed prior to attack. This number does not differ significantly from that expected in a random sample of the school population similarly constituted as to age.

#### CONCLUSIONS.

These results justify the conclusion that, in the area studied, children whose tonsils have been removed are distinctly less liable to diphtheria than those who have not had this operation performed; whereas in scarlet fever no significant difference is shown. General conclusions as to the relationship which tonsillectomy bears to either of these infections, diphtheria or scarlet fever, require more observations in other localities.

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## RESULTS OF OPERATION FOR ADENOIDS AND ENLARGED TONSILS IN A GROUP OF SCHOOL CHILDREN.

An investigation made to determine the average result of operation for the removal of enlarged tonsils and adenoids has recently been carried out at Leicester, England. In a report on a series of operations on unselected cases done at the school clinic at Leicester,<sup>1</sup> J. Keen, aural surgeon to the Leicester Education Committee, gives the results with regard to the following conditions of the child: Mental condition, symptoms, surgical results, increase in height and weight, and malnutrition. The investigation was begun in July, 1921, and the last child was reexamined in July, 1923. About 600 children were dealt with.

The data used were selected with a view to eliminating the personal element as much as possible, and such terms as "malnourished," "anemic," "debility," "poor physique," etc., that are vague and dependent upon individual judgment, were avoided. Definite weight and height measurements were made for a period before and after operations, and the child's mental progress was ascertained from the teachers. A circular letter was sent to the teachers in which the following four questions were asked:

- (1) Has the child's attendance been regular?
- (2) Is the child retarded in school work?
- (3) Do you find the child deaf?
- (4) Is the child dull, normal, or bright?

One letter of inquiry was sent at the time of the first examination and the second a year later. As a rule the first and second reports were made out by different class teachers who did not know whether the pupil reported on had been operated on or not.

*Mental condition.*—Complete reports were furnished by the teachers for 666 children. These reports showed an improvement in each particular, as follows:

- (1) A reduction of 32 per cent in the number of children whose attendances were *irregular*.
- (2) A reduction of 34 per cent in the number of those who were *retarded* in school work.
- (3) A reduction of 45 per cent in those appearing *deaf* to the teachers.
- (4) A reduction of 23 per cent in the number of those classified as *dull*.

*Symptoms.*—While it is noted that observation of symptoms may not be considered important because of the subjective character of the information and because any form of active treatment is likely to be regarded as beneficial, it is stated that in 600 cases for which

<sup>1</sup>An investigation of the results of the operations for enlarged tonsils and adenoids. By J. Keen, M. B., F. R. C. S. The Medical Officer, Feb. 23, 1924, p. 75.

records were complete, only 4 per cent were said to be not improved under the headings "coughs and colds," "breathing," and "general health." In those cases in which the hearing was impaired (about 50 per cent of the whole), only about 3 per cent were stated to be unchanged. The remaining 96 per cent of the total number were improved.

*Surgical results.*—No case of excessive scarring interfering with phonation was noted, and vestiges of tonsils remained in only 3 per cent of the cases.

*Weight and height.*—The weight and height results were tabulated according to sex and age groups 4-13 years and compared with figures given in the Tuxford and Glegg tables for urban districts. For each age group for both boys and girls the percentage of average increase was greater than that given in the tables used for comparison.

*Malnutrition.*—For determining malnutrition, the Wood standard tables were used, and all children under 10 per cent of the average "right" weight were considered to be suffering from malnutrition. While the objections to such an index were considered, and it was believed that, although the absolute number indicated as malnourished may not necessarily be accurate, the *change* in the ratio of cases before and after treatment would be free from the personal factor and would be of definite value.

It was shown that the number of malnourished children was reduced in every age group. The percentage reduction was 44 in the boys and 41 in the girls. Since the prevailing economic conditions in the homes of these children remained practically the same during the period of the study, it was considered logical to credit the improvement to the removal of the diseased tonsillar and adenoid tissue in the children concerned, in view of the fact that a septic focus or the continuous swallowing of mucus from the nasopharynx delays the assimilation and absorptive capacity of the alimentary canal. The author states that "Wood's standard of malnutrition is a severe one; if the beneficial effect of the operation is so definite among malnourished children, there must be many others (less severely affected and therefore not considered) benefited and improved in a similar consistent manner."

Although the number of children dealt with is comparatively small, unselected cases in a continuous series of routine work were considered; and it is remarked that whether the average increases in height and weight are considered, or whether malnutrition is used as an index, the results point consistently to the conclusion that this operation is followed by clearly definite improvements to the general health and physique, quite apart from the relief which the treatment affords to more local symptoms.



## CURRENT WORLD PREVALENCE OF DISEASE.

REVIEW OF THE MONTHLY EPIDEMIOLOGICAL REPORT FOR JUNE 15, 1924, ISSUED BY  
THE HEALTH SECTION OF THE LEAGUE OF NATIONS' SECRETARIAT.

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The principal points of interest in the world prevalence of disease, as revealed by the June Epidemiological Report of the League of Nations, are cholera in India, malaria in Russia, lethargic encephalitis in Great Britain, and a rather widespread epidemic of measles occurring in many countries of the world.

The Monthly Epidemiological Report of the health section, League of Nations' Secretariat at Geneva, Switzerland, contains current statistics of cases and of deaths, where mortality records are available, for 13 principal diseases <sup>1</sup> in 69 countries and colonies and over 260 large cities.

*Cholera.*—The April returns for India indicate a serious increase in the prevalence of cholera and compare very unfavorably with the records for the two previous years, as shown in the following comparative statement:

*Deaths from Asiatic cholera in India.*

Week ending—	1924	1923	1922
Mar. 15.....	1,293	772	1,271
22.....	2,194	920	2,009
29.....	4,310	1,184	2,149
Apr. 5.....	6,273	1,339	2,209
12.....	8,850	1,278	1,653
19.....	8,014	1,083	2,608

It is pointed out that the 1924 figures are higher even than those for 1921, which was an extraordinarily bad cholera year, 450,000 deaths from cholera having been recorded for the whole of India in that year. The report goes on to say, however, that "it does not follow, by any means, from the high April incidence that the summer will bring the explosive outbreaks which characterize serious cholera epidemics," and attention is invited to the cholera epidemic of 1922 in Southern Russia, where the relatively high incidence in winter and spring did not culminate in a more severe summer epidemic period. The present epidemic in India, which centered in the Ganges Valley, appeared in the United Provinces. Northwestern India, including the Punjab, the northwestern frontier Provinces, and Delhi, so far are free from cholera.

*Lethargic encephalitis.*—The unprecedented proportions to which the prevalence of lethargic encephalitis has risen in Great Britain is also remarkable, because in all countries save Italy the incidence of diseases has been considerably less in 1924 than in 1923. In Italy there are more cases than there were last year, but to date the

<sup>1</sup> Plague, cholera, yellow fever, typhus fever, relapsing fever, smallpox, cerebrospinal meningitis, poliomyelitis, lethargic encephalitis, influenza, scarlet fever, diphtheria, and enteric fever.

prevalence has not approached that of 1921. In England and Wales, however, there were 2,736 cases from January 1 to May 24, 1924, as against 660 cases during the same period of 1923, and 1,061 cases for the same period in 1921—the latter hitherto having been the year of highest incidence. The disease appeared first in epidemic form in Lancashire in February and has developed slowly and in an irregular way “like the recent influenza wave,” as the report points out, “without being visibly connected with it, in widely separated districts of the British Isles.” During the fifth four-week period of 1924, over 1,000 cases were reported. The League of Nations’ review of the various comments which have appeared in the British medical journals calls attention to the fact that many cases are of a comparatively mild character and that abortive attacks are frequent. The fatality rate of the present epidemic ranges from 12 to 21 per cent of the notified cases.

*Measles.*—The widespread prevalence of measles throughout Europe is again commented upon, but no well-defined tendency seems to be manifested. In some countries a decline has set in, and in others indications of a decline may be expected to occur. An improvement in the measles situation in Great Britain was shown for May; but for the four weeks ending May 17, 497 deaths from this disease were registered in 105 large towns of England and Wales. In Denmark there were 4,608 cases of measles, while in Italy the outbreak continued unabated, nearly 9,000 cases having been notified during the four weeks ending May 3. A high mortality from measles in Spain was shown for the first three months of the present year, 865 deaths in all having been recorded. The number of cases of measles reported in France increased from 712 in January to 1,518 in March. Outbreaks have also been reported during the present year in Angora (Turkey) which spread to other Turkish cities, notably Adrianople. In Iraq (Mesopotamia) a considerable mortality from measles was reported in the first quarter of the current year, an improvement being indicated during April. A renewed outbreak of the disease has occurred in Egypt, 160 deaths having been reported during the four weeks ending April 19, against 75 in the previous four weeks. It will be remembered that there was a serious epidemic of measles during the summer of 1923 in Egypt. The widespread prevalence of measles in the United States during the spring is mentioned in the report, as well as the relatively high incidence of the disease in the Canadian Province of Ontario.

*Malaria.*—As regards malaria in Russia, the Monthly Epidemiological Report does not contain any more recent information than that published in the previous issue, but attention may be directed to the frequent reports appearing in the medical journals, as well as in the press, to the effect that the early information issued by the league health section has been fully borne out and that this year there is a

situation in Russia which, so far as known, has been unparalleled. The situation is aggravated by the occurrence of the more severe forms of the disease which apparently found their way into the central and even northern parts of the country by reason of the migrations of the population in 1921 and 1922.

*Plague.*—The plague situation, on the whole, is an encouraging one as compared with previous years. In India the number of deaths from the disease is considerably larger than in 1923, but it is far below the average for the period 1898–1922. Furthermore, the outbreak this year is localized largely in the Punjab, where nearly 35,000 out of a total of 53,000 deaths were reported during the four weeks ending April 19. More than half the remaining cases are reported from the United Provinces, and an extension of the plague area is shown in the west frontier provinces lying west of the Punjab. All of the other parts of India, however, show an unusually low prevalence of the disease for April. No immediate developments are reported from Turkestan plague outbreaks, the cases being well confined to a few localities. While several minor outbreaks were reported from various localities in Persia and in Iraq, no new cases have been reported in Syria or in Palestine. In Egypt the disease is much less prevalent this year than in 1923, and the outbreak which occurred in the Union of South Africa seems to have reached its maximum, and no further extension of the infected areas has been reported.

*Smallpox.*—It is interesting to note that the United States is among the few countries of the world where the prevalence of smallpox is unusually high. In Europe generally, including Russia, the number of cases reported so far this year is less than in 1923; the Swiss outbreak appears to be declining. In Turkey, in Egypt, in Algeria, and in Tunis, in the Union of South Africa, Basutoland, and northern Rhodesia the incidence is relatively low and has shown no marked or alarming increase. In Great Britain the notification of smallpox was again increasing somewhat, 454 cases having been reported during the four weeks ending May 17, as compared with 124 in the same period of 1923 and 199 for the four-weeks period ending February 23. In India the disease is more prevalent within the last year, particularly in Bombay Presidency, where the epidemic reached its maximum in the month of March, with 15,283 cases and 2,210 deaths. A decline, however, for the whole of India has set in since the end of March. The Hongkong epidemic has come to an end, and the outbreak in Japan was apparently declining in March. The Straits Settlements and the Malay States appear to be practically free from smallpox. In this connection it may be pointed out that a summary of weekly reports for 105 cities in the United States for the week ending June 21 shows that 345 cases were reported as against over 500 for the last week in April and the first week in May. The latest figure for the United States cities, however,

is nearly four times as high as the figure for the corresponding week in 1923. In 35 states 895 cases of smallpox were reported for the week ending June 21, 1924.

*Other diseases.*—No unusual feature is indicated for the other diseases in the list included in the Monthly Epidemiological Reports. The continued decrease of typhus and relapsing fever, the low incidence of dysentery, the passing of the influenza epidemic, the comparatively slight prevalence of poliomyelitis and cerebrospinal meningitis, as well as the absence of any serious outbreaks of scarlet fever, diphtheria, or whooping cough, are favorable indications.

The mortality figures given for the large cities of the world are without any particular feature except, perhaps, for tuberculosis in the German cities. For the four weeks ending April 19, 1924, 2,008 deaths from tuberculosis (all forms) were registered in the 46 cities of Germany (population, 16,681,000), as against 2,792 deaths for the corresponding period of 1923. The decline seems to be somewhat general, although it is shown that in Hamburg 153 deaths were reported, as against 149 in 1923 for the same four-weeks period. The infant mortality rate in these 46 German cities for the same period was 120 per thousand births, as compared with 103 for the 105 English cities, 67 for the 26 Swiss cities, and a rate varying from 65 to 106 for the five large cities in the United States. In Hamburg the rate was 169, and in Munich 151, which were the highest rates for any cities in the list published, with the exception of that for Cracow. The rate for Vienna was 127. The general mortality rate for all of the 260 cities for which statistics are published is comparatively favorable, with the exception of the Indian and Egyptian cities.

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### CURRENT COURT DECISIONS PERTAINING TO PUBLIC HEALTH.

*Liability for serving unwholesome food.*—In a tort action to recover damages for illness alleged to have been caused by the consumption of unwholesome food served on a dining car, the Court of Appeals of the District of Columbia in its opinion states as follows:

If the defendant knew that the meat was contaminated, we think no one would say that it should not be held responsible for the consequent damages; but its failure to know does not excuse it, if the failure was due to want of reasonable care in ascertaining the truth. A person may be held, not only for what he knows, but also for what he would have known if he had exercised reasonable care in the premises. \* \* \* We perceive no sound reason why the railroad company should not be held liable to the appellant, if it negligently served to her tainted meat and thereby caused her injury. (*King v. Davis*, Agent, 296 Fed. 986.)

*Status of fees received by local registrar of vital statistics.*—The California District Court of Appeals, third district, has held that fees

collected from the county of Sacramento by an official of the city of Sacramento while acting as local registrar of vital statistics are not public moneys belonging to the city. The court states in the opinion that local registrars of vital statistics are State officers performing State functions and that the compensation provided is in no wise connected with any function exercised as a municipal officer. (*City of Sacramento v. Simmons*, 225 Pac. 36.)

*Municipal public-health work held governmental function; nonliability of city for negligence of employee.*—The gathering and disposal, by a municipality, of refuse, including ashes, has been held by the Supreme Court of Pennsylvania to be a public-health matter and therefore a public or governmental function within the police power, as contrasted with a private or corporate function. Because of this fact, the court held that a city was not liable for personal injuries caused by the negligence of one of its employees while driving an automobile truck loaded with ashes. (*Scibilia v. City of Philadelphia*, 124 Atl. 273.)

### DEATHS DURING WEEK ENDED JULY 19, 1924.

*Summary of information received by telegraph from industrial insurance companies for week ended July 19, 1924, and corresponding week of 1923. (From the Weekly Health Index, July 22, 1924, issued by the Bureau of the Census, Department of Commerce.)*

	Week ended July 19, 1924.	Corresponding week, 1923.
Policies in force .....	55, 858, 037	52, 894, 304
Number of death claims.....	9, 278	9, 090
Death claims per 1,000 policies in force, annual rate.....	8. 7	9. 0

*Deaths from all causes in certain large cities of the United States during the week ended July 19, 1924, infant mortality, annual death rate, and comparison with corresponding week of 1923. (From the Weekly Health Index, July 22, 1924, issued by the Bureau of the Census, Department of Commerce.)*

City.	Week ended July 19, 1924.		Annual death rate per 1,000 corresponding week, 1923.	Deaths under 1 year.		Infant mortal- ity rate, week ended July 19, 1924. <sup>3</sup>
	Total deaths.	Death rate. <sup>1</sup>		Week ended July 19, 1924.	Corre- sponding week, 1923.	
Total (64 cities).....	5, 536	10. 7	<sup>2</sup> 10. 3	682	<sup>3</sup> 675	-----
Akron.....	24	-----	-----	1	4	11
Albany <sup>4</sup> .....	24	10. 6	16. 4	2	7	46
Atlanta.....	61	14. 0	18. 7	10	12	-----
Baltimore <sup>4</sup> .....	186	12. 4	11. 3	25	28	74
Birmingham.....	71	18. 4	17. 0	8	15	-----
Boston.....	173	11. 6	11. 7	24	19	67
Bridgeport.....	18	-----	-----	2	4	32
Buffalo.....	87	8. 3	11. 2	10	19	42
Cambridge.....	22	10. 2	9. 8	2	3	35
Camden.....	20	8. 3	9. 7	2	4	33

<sup>1</sup> Annual rate per 1,000 population.

<sup>2</sup> Deaths under 1 year per 1,000 births—an annual rate based on death under 1 year for the week and estimated births for 1923. Cities left blank are not in the registration area for births.

<sup>3</sup> Data for 62 cities.

<sup>4</sup> Deaths for week ended Friday, July 18, 1924.



Deaths from all causes in certain large cities of the United States during the week ended July 19, 1924, infant mortality, annual death rate, and comparison with corresponding week of 1923. (From the Weekly Health Index, July 22, 1924, issued by the Bureau of the Census, Department of Commerce)—Continued.

City.	Week ended July 19, 1924.		Annual death rate per 1,000 corresponding week, 1923.	Deaths under 1 year.		Infant mortality rate, week ended July 19, 1924.
	Total deaths.	Death rate.		Week ended July 19, 1924.	Corresponding week, 1923.	
Chicago.....	511	9.1	8.7	58	61	54
Cincinnati.....	102	13.0	12.4	15	10	94
Cleveland.....	142	8.1	9.4	24	26	61
Columbus.....	65	12.7	12.4	3	3	28
Dallas.....	55	15.3	12.3	11	6	—
Dayton.....	29	8.9	8.8	6	7	100
Denver.....	69	—	—	11	3	—
Des Moines.....	22	7.9	9.3	5	5	—
Detroit.....	199	—	—	32	52	60
Duluth.....	12	5.8	8.3	1	1	22
Erie.....	19	—	—	1	2	21
Fall River *.....	21	9.0	13.4	2	5	28
Flint.....	16	—	—	4	6	69
Fort Worth.....	26	9.2	5.8	4	1	—
Grand Rapids.....	29	10.2	10.0	3	5	47
Houston.....	58	—	—	7	6	—
Indianapolis.....	91	13.5	12.5	7	9	51
Jacksonville, Fla.....	35	17.8	16.7	4	4	—
Jersey City.....	54	9.0	12.1	7	11	50
Kansas City, Kans.....	33	14.6	14.4	3	7	58
Kansas City, Mo.....	98	14.2	12.6	11	14	—
Los Angeles.....	206	—	—	24	23	75
Louisville.....	74	14.9	14.0	4	12	37
Lowell.....	27	12.2	7.7	9	5	161
Lynn.....	13	6.5	11.2	4	2	101
Memphis.....	73	22.1	15.3	8	12	—
Milwaukee.....	75	7.9	7.2	14	6	66
Minneapolis.....	75	9.4	10.6	9	14	48
Nashville *.....	39	16.5	17.9	1	2	—
New Bedford.....	20	7.9	12.4	5	10	78
New Haven.....	37	11.0	8.1	8	2	106
New Orleans.....	143	18.2	16.2	26	13	—
New York.....	1,164	10.1	8.7	134	131	54
Bronx Borough.....	141	8.4	6.5	9	8	32
Brooklyn Borough.....	373	8.9	7.8	49	36	52
Manhattan Borough.....	516	11.9	10.3	66	65	67
Queens Borough.....	92	8.6	8.3	8	18	40
Richmond Borough.....	42	16.8	13.1	2	4	37
Newark, N. J.....	91	10.6	8.9	17	11	80
Norfolk.....	27	8.6	8.5	3	4	54
Oakland.....	37	7.8	8.3	5	5	63
Oklahoma City.....	30	15.0	—	3	—	—
Omaha.....	52	13.0	11.7	4	4	43
Paterson.....	25	9.3	7.8	3	1	51
Philadelphia.....	402	10.7	10.4	43	40	55
Pittsburgh.....	123	10.2	12.7	21	22	71
Portland, Oreg.....	48	9.0	10.3	3	1	31
Providence.....	45	9.6	9.3	7	8	57
Richmond.....	68	19.3	14.1	15	7	182
Rochester.....	46	7.4	—	5	—	39
St. Louis.....	184	11.8	10.5	18	16	—
St. Paul.....	45	9.6	10.8	5	7	43
Salt Lake City *.....	27	11.0	8.7	3	0	60
San Antonio.....	44	12.0	11.9	10	8	—
San Francisco.....	138	13.1	10.3	9	9	54
Schenectady.....	8	4.2	10.0	0	2	0
Seattle.....	65	—	—	5	2	49
Somerville.....	19	9.9	5.8	2	2	54
Spokane.....	23	—	—	2	1	44
Springfield, Mass.....	26	9.1	10.5	4	2	68
Tacoma.....	20	10.1	9.2	2	2	48
Toledo.....	42	7.9	11.0	5	3	47
Trenton.....	43	17.3	12.3	4	5	67
Utica.....	21	10.4	11.1	1	0	22
Washington, D. C.....	116	12.4	11.0	11	13	64
Waterbury.....	14	—	—	3	1	70
Wilmington, Del.....	24	10.4	12.4	2	3	45
Worcester.....	44	11.7	12.8	3	5	36
Yonkers.....	15	7.1	10.2	2	1	44
Youngstown.....	17	5.7	6.6	3	3	41

\*Deaths for week ended Friday, July 18, 1924.

# PREVALENCE OF DISEASE.

*No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.*

## UNITED STATES.

### CURRENT WEEKLY STATE REPORTS.

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers.

#### Reports for Week Ended July 26, 1924.

ALABAMA.		CALIFORNIA—continued.	
	Cases.		Cases.
Chicken pox.....	2	Rabies in man—Los Angeles.....	1
Dengue.....	1	Scarlet fever.....	43
Diphtheria.....	4	Smallpox:	
Dysentery.....	89	Los Angeles.....	21
Influenza.....	4	Los Angeles County.....	25
Malaria.....	131	Scattering.....	30
Measles.....	27	Typhoid fever.....	28
Mumps.....	17		
Pellagra.....	20		
Pneumonia.....	4		
Poliomyelitis.....	1		
Scarlet fever.....	12		
Smallpox.....	25		
Tuberculosis.....	33		
Typhoid fever.....	77		
Whooping cough.....	36		
ARIZONA.		COLORADO.	
		(Exclusive of Denver.)	
Smallpox.....	1	Diphtheria.....	2
Typhoid fever.....	1	Measles.....	1
ARKANSAS.		Mumps.....	1
		Scarlet fever.....	7
Diphtheria.....	3	Septic sore throat.....	2
Influenza.....	7	Smallpox.....	5
Malaria.....	161	Tuberculosis.....	28
Measles.....	77	Whooping cough.....	5
Mumps.....	7		
Paratyphoid fever.....	3		
Pellagra.....	9		
Smallpox.....	3		
Trachoma.....	2		
Tuberculosis.....	8		
Typhoid fever.....	3		
Whooping cough.....	48		
CALIFORNIA.		CONNECTICUT.	
Botulism—Los Angeles.....	5	Cerebrospinal meningitis.....	1
Cerebrospinal meningitis—San Francisco.....	1	Chicken pox.....	13
Diphtheria.....	161	Diphtheria.....	28
Influenza.....	4	German measles.....	3
Measles.....	50	Malaria.....	5
Poliomyelitis:		Malta fever.....	1
Venice.....	1	Measles.....	30
Sonoma County.....	1	Mumps.....	14
		Pneumonia (lobar).....	9
		Poliomyelitis.....	4
		Scarlet fever.....	23
		Septic sore throat.....	1
		Smallpox.....	2
		Tetanus.....	1
		Tuberculosis (all forms).....	41
		Typhoid fever.....	10
		Whooping cough.....	65
		DELAWARE.	
		Malaria.....	7
		Measles.....	5
		Mumps.....	2
		Tuberculosis.....	2
		Typhoid fever.....	2
		Whooping cough.....	1

FLORIDA.		IOWA.	
	Cases.		Cases.
Cerebrospinal meningitis.....	2	Diphtheria.....	15
Diphtheria.....	5	Scarlet fever.....	9
Influenza.....	1	Smallpox.....	9
Malaria.....	37	Typhoid fever.....	2
Ophthalmia neonatorum.....	1		
Pneumonia.....	3	KANSAS.	
Typhoid fever.....	18	Chicken pox.....	15
		Diphtheria.....	14
GEORGIA.		Measles.....	14
Diphtheria.....	1	Mumps.....	54
Dysentery (bacillary).....	1	Pneumonia.....	8
Hookworm disease.....	7	Rabies.....	1
Malaria.....	17	Scarlet fever.....	18
Measles.....	2	Smallpox.....	7
Paratyphoid fever.....	1	Tuberculosis.....	32
Pellagra.....	5	Typhoid fever.....	23
Pneumonia.....	1	Whooping cough.....	64
Scarlet fever.....	2		
Smallpox.....	10	LOUISIANA.	
Tuberculosis (pulmonary).....	6	Diphtheria.....	13
Typhoid fever.....	37	Hookworm disease.....	12
Whooping cough.....	18	Malaria.....	38
		Pneumonia.....	15
ILLINOIS.		Poliomyelitis.....	1
Cerebrospinal meningitis:		Scarlet fever.....	5
Cook County.....	2	Smallpox.....	1
Franklin County.....	1	Tuberculosis.....	33
Diphtheria:		Typhoid fever.....	22
Cook County.....	57	Whooping cough.....	6
Scattering.....	36		
Influenza.....	12	MAINE.	
Lethargic encephalitis:		Cerebrospinal meningitis.....	1
Cook County.....	1	Chicken pox.....	11
Kane County.....	1	Diphtheria.....	7
Measles.....	181	German measles.....	2
Pneumonia.....	146	Measles.....	10
Poliomyelitis:		Mumps.....	14
Cook County.....	2	Pneumonia.....	4
Macoupin County.....	1	Scarlet fever.....	8
Morgan County.....	1	Tuberculosis.....	4
Scarlet fever:		Typhoid fever.....	11
Cook County.....	42	Whooping cough.....	2
Scattering.....	29		
Smallpox:		MARYLAND. <sup>1</sup>	
Lake County.....	20	Chicken pox.....	7
Scattering.....	18	Diphtheria.....	16
Tuberculosis.....	366	Dysentery.....	10
Typhoid fever:		German measles.....	1
Cook County.....	14	Influenza.....	19
Scattering.....	26	Measles.....	30
Whooping cough.....	237	Mumps.....	7
		Pneumonia (all forms).....	22
INDIANA.		Poliomyelitis.....	7
Chicken pox.....	14	Scarlet fever.....	12
Diphtheria.....	27	Tuberculosis.....	58
Influenza.....	1	Typhoid fever.....	32
Measles.....	18	Whooping cough.....	76
Mumps.....	2		
Pneumonia.....	1	MASSACHUSETTS.	
Poliomyelitis.....	3	Cerebrospinal meningitis.....	1
Scarlet fever.....	14	Chicken pox.....	42
Smallpox.....	33	Conjunctivitis (suppurative).....	13
Tuberculosis.....	44	Diphtheria.....	70
Typhoid fever.....	14	Dysentery.....	1
Whooping cough.....	46	German measles.....	10
		Influenza.....	1

<sup>1</sup> Week ended Friday.

## MASSACHUSETTS—continued.

	Cases.
Lethargic encephalitis.....	3
Malaria.....	1
Measles.....	137
Mumps.....	51
Ophthalmia neonatorum.....	10
Pellagra.....	1
Pneumonia (lobar).....	17
Poliomyelitis.....	4
Scarlet fever.....	71
Septic sore throat.....	1
Tetanus.....	1
Trachoma.....	2
Tuberculosis (all forms).....	126
Typhoid fever.....	13
Whooping cough.....	67

## MICHIGAN.

Diphtheria.....	49
Measles.....	82
Pneumonia.....	20
Scarlet fever.....	119
Smallpox.....	34
Tuberculosis.....	259
Typhoid fever.....	12
Whooping cough.....	133

## MINNESOTA.

Cerebrospinal meningitis.....	1
Chicken pox.....	27
Diphtheria.....	28
Lethargic encephalitis.....	1
Measles.....	62
Scarlet fever.....	91
Smallpox.....	26
Tuberculosis.....	113
Typhoid fever.....	2
Whooping cough.....	11

## MISSISSIPPI.

Diphtheria.....	10
Scarlet fever.....	1
Smallpox.....	5
Typhoid fever.....	44

## MISSOURI.

Cerebrospinal meningitis.....	2
Chicken pox.....	4
Diphtheria.....	24
Influenza.....	1
Lethargic encephalitis.....	1
Malaria.....	2
Measles.....	18
Mumps.....	14
Ophthalmia neonatorum.....	2
Pneumonia.....	7
Scarlet fever.....	41
Smallpox.....	1
Trachoma.....	19
Tuberculosis.....	45
Typhoid fever.....	19
Whooping cough.....	27

## MONTANA.

Diphtheria.....	10
Rocky Mountain spotted fever:	
Butte.....	1
Grassrange.....	1
Huntley.....	1

1 Deaths.

## MONTANA—continued

	Cases.
Scarlet fever.....	7
Smallpox.....	11
Tick paralysis—Eureka.....	1
Typhoid fever.....	2

## NEW JERSEY.

Cerebrospinal meningitis.....	2
Chicken pox.....	42
Diphtheria.....	67
Influenza.....	1
Malaria.....	1
Measles.....	67
Pneumonia.....	29
Poliomyelitis.....	2
Scarlet fever.....	37
Smallpox.....	2
Typhoid fever.....	12
Whooping cough.....	208

## NEW MEXICO.

Cerebrospinal meningitis.....	1
Diphtheria.....	3
Measles.....	7
Paratyphoid fever.....	2
Pneumonia.....	1
Scarlet fever.....	1
Trachoma.....	1
Tuberculosis.....	27
Typhoid fever.....	7

## NEW YORK.

(Exclusive of New York City.)

Diphtheria.....	97
Lethargic encephalitis.....	1
Measles.....	242
Pneumonia.....	48
Poliomyelitis.....	33
Scarlet fever.....	74
Smallpox.....	10
Typhoid fever.....	40
Whooping cough.....	249

## NORTH CAROLINA.

Chicken pox.....	8
Diphtheria.....	28
Measles.....	36
Ophthalmia neonatorum.....	1
Scarlet fever.....	12
Septic sore throat.....	2
Smallpox.....	21
Typhoid fever.....	90
Whooping cough.....	172

## OREGON.

Chicken pox.....	7
Diphtheria.....	16
Measles.....	3
Mumps.....	5
Pneumonia.....	13
Scarlet fever.....	5
Smallpox.....	9
Tuberculosis.....	8
Typhoid fever.....	8
Whooping cough.....	5

SOUTH DAKOTA.		WASHINGTON—continued.	
	Cases.		Cases.
Cerebrospinal meningitis.....	1	Typhoid fever.....	4
Diphtheria.....	1	Whooping cough.....	15
Measles.....	5		
Pneumonia.....	4		
Scarlet fever.....	5		
Tuberculosis.....	2		
Whooping cough.....	13		
TEXAS.		WEST VIRGINIA.	
Chicken pox.....	1	Diphtheria.....	7
Dengue.....	3	Scarlet fever.....	4
Diphtheria.....	5	Smallpox.....	1
Dysentery.....	6	Typhoid fever.....	5
Measles.....	12		
Mumps.....	8		
Paratyphoid fever.....	4		
Pellagra.....	3		
Pneumonia.....	3		
Scarlet fever.....	6		
Smallpox.....	4		
Trachoma.....	1		
Tuberculosis.....	33		
Typhoid fever.....	20		
Whooping cough.....	41		
VERMONT.		WISCONSIN.	
Chicken pox.....	10	Milwaukee:	
Measles.....	8	Cerebrospinal meningitis.....	1
Mumps.....	8	Chicken pox.....	22
Scarlet fever.....	7	Diphtheria.....	5
Typhoid fever.....	1	Measles.....	14
Whooping cough.....	18	Mumps.....	8
		Scarlet fever.....	3
		Smallpox.....	2
		Tuberculosis.....	18
		Whooping cough.....	39
		Scattering:	
		Cerebrospinal meningitis.....	1
		Chicken pox.....	49
		Diphtheria.....	49
		Influenza.....	6
		Lethargic encephalitis.....	1
		Measles.....	42
		Mumps.....	3
		Ophthalmia neonatorum.....	2
		Pneumonia.....	10
		Poliomyelitis.....	1
		Scarlet fever.....	70
		Smallpox.....	23
		Tuberculosis.....	25
		Typhoid fever.....	4
		Whooping cough.....	78
WASHINGTON.		WYOMING.	
Chicken pox.....	25	Chicken pox.....	3
Diphtheria.....	8	Mumps.....	1
German measles.....	1	Tuberculosis.....	1
Measles.....	7	Whooping cough.....	8
Mumps.....	8		
Poliomyelitis—Seattle.....	1		
Scarlet fever.....	5		
Smallpox.....	38		
Tuberculosis.....	33		

## Reports for Week Ended July 19, 1924.

DISTRICT OF COLUMBIA.		NEBRASKA—continued.	
	Cases.		Cases.
Chicken pox.....	4	Scarlet fever.....	5
Diphtheria.....	4	Smallpox.....	5
Influenza.....	1	Typhoid fever.....	2
Measles.....	1	Whooping cough.....	16
Scarlet fever.....	12		
Tuberculosis.....	34		
Typhoid fever.....	1		
Whooping cough.....	4		
NEBRASKA.		NORTH DAKOTA.	
Chicken pox.....	2	Chicken pox.....	4
Diphtheria.....	10	Diphtheria.....	5
Measles.....	1	Measles.....	10
Pneumonia.....	1	Pneumonia.....	3
Poliomyelitis.....	1	Scarlet fever.....	22
		Smallpox.....	9
		Trachoma.....	4
		Tuberculosis.....	1
		Typhoid fever.....	1
		Whooping cough.....	13



## SUMMARY OF MONTHLY REPORTS FROM STATES.

The following summary of monthly State reports is published weekly and covers only those States from which reports are received during the current week:

State.	Cerebro-spinal meningitis.	Diphtheria.	Influenza.	Malaria.	Measles.	Pellagra.	Polio-myelitis.	Scarlet fever.	Smallpox.	Typhoid fever.
<i>June, 1924.</i>										
Alabama.....	2	30	46	364	645	58	5	19	347	95
Arkansas.....	0	9	71	557	243	60	0	15	45	38
Idaho.....		2						10		4
Illinois.....	4	378	15	4	2,693	2		780	242	63
Iowa.....	1	40			94		1	62	50	2
Kansas.....	2	66	5	4	720	1	0	127	105	33
Maine.....		37	8					81		22
Maryland.....	1	113	21	6	620	1	2	228	23	71
Minnesota.....	2	175	1		281		3	539	145	18
Mississippi.....		44	121	10,244	905	1,243	4	15	39	214
Missouri.....	5	149	2	0	385	0	0	345	45	25
Ohio.....	6	289	28	2	1,957	0	4	606	864	65
Oregon.....		54			80			63	55	10
Rhode Island.....	1	48			24		1	129		2
South Carolina.....		63	4	34	88	18	1	1	40	113
South Dakota.....		17			195			150	39	6
Washington.....	1	178	0	0	98	0	1	147	115	24
West Virginia.....	1	58	23		336			89	27	75
Wisconsin.....	2	240	49	0	1,160	0	0	536	206	17

## RECIPROCAL NOTIFICATION, JUNE, 1924.

Communicable diseases referred during June, 1924, to other State health departments by departments of health of certain States.

Referred by—	Smallpox.	Tuberculosis.	Typhoid fever.	Vincent's angina.
Connecticut.....		1	1	
Illinois.....		20		
Minnesota.....		22	3	
New Jersey.....	1		3	
New York.....	1	1	3	1
Ohio.....	1			

## ANTHRAX—LEFLORE COUNTY, MISS.

Six cases of anthrax with two deaths were reported in Leflore County, Miss., from June 29 to July 16, 1924. Many horses, cattle, and mules are said to have been attacked by the disease.

TYPHUS FEVER IN TEXAS.<sup>1</sup>

A telegraphic report from Rio Grande City, Tex., dated July 21, 1924, stated that two new cases of typhus fever had been reported during the preceding week. The disease was said to be mild. The State health officer reported 19 cases for the State during the week ended July 12, 1924.

<sup>1</sup> See Public Health Reports, July 11, 1924, p. 1706.

**GENERAL CURRENT SUMMARY AND WEEKLY REPORTS FROM CITIES.**

*Diphtheria.*—For the week ended July 12, 1924, 34 States reported 1,140 cases of diphtheria. For the week ended July 14, 1923, the same States reported 1,088 cases of this disease. One hundred and two cities, situated in all parts of the country and having an aggregate population of more than 28,600,000, reported 687 cases of diphtheria for the week ended July 12, 1924. Last year for the corresponding week they reported 673 cases. The estimated expectancy for these cities was 676 cases. The estimated expectancy was based on the experience of the last nine years, excluding epidemics.

*Measles.*—Twenty-nine States reported 2,663 cases of measles for the week this year and 4,859 cases for the week last year. One hundred and two cities reported 987 cases of measles for the week this year and 1,473 cases last year.

*Scarlet fever.*—Scarlet fever was reported for the week as follows: Thirty-four States—this year, 1,205 cases; last year, 1,031 cases. One hundred and two cities—this year, 556 cases; last year, 456 cases; estimated expectancy, 336 cases.

*Smallpox.*—For the week ended July 12, 1924, 34 States reported 525 cases of smallpox. Last year for the corresponding week they reported 225 cases. One hundred and two cities reported smallpox for the week as follows: 1924, 168 cases; 1923, 71 cases; estimated expectancy, 64 cases. Seven deaths from smallpox were reported for the week by these cities.

*Typhoid fever.*—Five hundred and fifty-six cases of typhoid fever were reported for the week ended July 12, 1924, by 33 States. For the corresponding week of 1923 the number was 579 cases. One hundred and two cities reported 142 cases of typhoid fever for the week this year and 163 cases for the week last year. The estimated expectancy for these cities was 149 cases.

*Influenza and pneumonia.*—Deaths from influenza and pneumonia (combined) were reported for the week by 102 cities as follows: 1924, 328 deaths; 1923, 290 deaths.

## City reports for week ended July 12, 1924.

The "estimated expectancy" given for diphtheria, poliomyelitis, scarlet fever, smallpox, and typhoid fever is the result of an attempt to ascertain from previous occurrence how many cases of the disease under consideration may be expected to occur during a certain week in the absence of epidemics. It is based on reports to the Public Health Service during the past nine years. It is in most instances the median number of cases reported in the corresponding week of the preceding years. When the reports include several epidemics, or when for other reasons the median is unsatisfactory, the epidemic periods are excluded and the estimated expectancy is the mean number of cases reported for the week during non-epidemic years.

If reports have not been received for the full nine years, data are used for as many years as possible, but no year earlier than 1915 is included. In obtaining the estimated expectancy, the figures are smoothed when necessary to avoid abrupt deviations from the usual trend. For some of the diseases given in the table the available data were not sufficient to make it practicable to compute the estimated expectancy.

Division, State, and city.	Chick- en pox, cases re- ported.	Diphtheria.		Influenza.		Meas- les, cases re- ported.	Mumps, cases re- ported.	Pneu- monia, deaths re- ported.	Scarlet fever.	
		Cases, esti- mated expect- ancy.	Cases re- ported.	Cases re- ported.	Deaths re- ported.				Cases, esti- mated expect- ancy.	Cases re- ported.
NEW ENGLAND.										
Maine:										
Lewiston.....	6	1	1	0	0	10	0	1	1	16
Portland.....	4	1	0	0	0	1	8	0	1	2
New Hampshire:										
Concord.....	0	1	0	0	0	0	0	0	0	0
Vermont:										
Barre.....	0	1	0	0	0	0	0	0	1	0
Burlington.....	0	1	1	0	0	2	0	1	0	1
Massachusetts:										
Boston.....	12	44	37	1	0	41	9	10	17	24
Fall River.....	0	2	3	0	0	1	1	0	1	2
Springfield.....	0	2	4	0	0	5	3	1	1	2
Worcester.....	0	3	0	0	0	1	1	2	2	0
Rhode Island:										
Pawtucket.....	0	1	2	0	0	2	1	0	0	1
Providence.....	0	7	1	0	0	1	0	1	3	7
Connecticut:										
Bridgeport.....	3	4	3	0	0	1	1	0	2	5
Hartford.....	2	4	3	0	0	7	0	0	2	3
New Haven.....	2	2	2	0	0	6	3	2	1	4
MIDDLE ATLANTIC.										
New York:										
Buffalo.....	4	10	6	0	0	9	10	5	10	7
New York.....	51	184	203	5	4	200	50	90	56	71
Rochester.....	4	6	1	0	0	21	6	1	4	2
Syracuse.....	5	5	2	0	0	12	5	1	3	2
New Jersey:										
Camden.....	1	2	2	0	0	0	1	1	1	1
Newark.....	8	11	5	1	0	54	5	1	7	7
Trenton.....	4	3	1	0	0	1	0	1	1	2
Pennsylvania:										
Philadelphia.....	28	41	61	1	1	102	43	24	22	30
Pittsburgh.....	39	14	20	1	0	22	50	17	9	21
Reading.....	10	1	0	0	0	1	10	0	0	1
Scranton.....	1	2	2	0	0	0	1	6	0	0
EAST NORTH CENTRAL.										
Ohio:										
Cincinnati.....	3	7	5	0	0	9	3	6	4	6
Cleveland.....	37	18	10	0	0	56	29	11	10	7
Columbus.....	3	1	1	0	0	4	0	0	3	4
Toledo.....	24	5	2	0	0	30	0	2	7	3
Indiana:										
Fort Wayne.....	1	4	4	0	0	8	1	1	1	3
Indianapolis.....	4	5	4	0	0	18	8	1	3	1
South Bend.....	1	0	1	0	0	0	0	0	1	4
Terre Haute.....	0	0	0	0	0	0	0	0	1	2
Illinois:										
Chicago.....	49	84	65	1	1	139	40	22	30	66
Cicero.....	2	2	1	0	0	1	1	1	1	1
Peoria.....	1	1	0	0	0	0	0	2	1	2
Springfield.....	1	0	3	0	0	3	1	0	1	1



## City reports for week ended July 12, 1924—Continued.

Division, State, and city.	Chick- en pox, cases re- ported.	Diphtheria.		Influenza.		Meas- les, cases re- ported.	Mumps, cases re- ported.	Pneu- monia, deaths re- ported.	Scarlet fever.		
		Cases, esti- mated expect- ancy.	Cases re- ported.	Cases re- ported.	Deaths re- ported.				Cases, esti- mated expect- ancy.	Cases re- ported.	
EAST SOUTH CENTRAL.											
Kentucky:											
Covington.....	0	1	1	0	0	0	3	0	0	0	0
Louisville.....	2	2	1	0	0	6	2	2	2	3	3
Tennessee:											
Memphis.....	0	2	0	0	1	1	2	3	1	2	2
Nashville.....		1	0	0	1	0		1	0	0	0
Alabama:											
Birmingham.....	0	1	1	2	1	1	26	2	1	1	1
Mobile.....	0	0	0	0	0	7	0	0	0	0	0
Montgomery.....	0	1	0	0	0	0	1	1	0	0	1
WEST SOUTH CENTRAL.											
Arkansas:											
Fort Smith.....	2	0	0	0		0	0		1	2	2
Little Rock.....	0	1	0	0	0	2	2	1	0	0	0
Louisiana:											
New Orleans.....	0	6	4	0	0	4	0	10	1	1	1
Shreveport.....	0		0	0	0	0	0	0		0	0
Oklahoma:											
Oklahoma.....	0	0	0	0	0	0	0	2	1	0	0
Tulsa.....	0	1	0	0		0	0		0	1	1
Texas:											
Dallas.....	0	2	0	0	0	1	3	2	1	4	4
Galveston.....	0	1	0	0	0	0	0	0	0	0	0
Houston.....	0	2	0	0	0	0	0	1	1	1	1
San Antonio.....	1	1	1	0	0	0	0	2	1	0	0
MOUNTAIN.											
Montana:											
Billings.....	0	0	0	0	0	0	0	0	1	0	0
Great Falls.....	1	0	1	0	0	0	0	0	0	1	1
Helena.....	0	0	0	0	0	0	0	0	0	0	0
Missoula.....	1	0	0	0	0	0	0	0	1	0	0
Idaho:											
Boise.....	1	0	0	0	0	3	0	0	1	0	0
Colorado:											
Denver.....	14	7	31	0	0	4	3	7	5	2	2
Pueblo.....	4	1	2	0	0	1	0	1	0	0	0
New Mexico:											
Albuquerque.....	0	2	1	0	0	3	0	0	0	0	0
Utah:											
Salt Lake City.....	14	3	2	0	0	3	4	2	2	1	1
Nevada:											
Reno.....	0	0	0	0	0	0	0	0	0	0	0
PACIFIC.											
Washington:											
Seattle.....	14	4	8	0		1	5		4	7	7
Spokane.....	33	1	5	0		4	0		2	2	2
Tacoma.....	0	1	2	0		1	3		1	1	1
Oregon:											
Portland.....	12	4	3	0	0	0	2	3	3	1	1
California:											
Los Angeles.....	19	26	52	0	0	39	4	4	6	17	17
Sacramento.....	0	1	8	0	0	5	0	1	1	2	2
San Francisco.....	4	11	12	0	0	1	2	5	6	4	4



## City reports for week ended July 12, 1924—Continued.

Division, State, and city.	Popula- tion, July 1, 1923, estimated.	Smallpox.			Tuberculosis, deaths reported.	Typhoid fever.			Whooping cough, cases reported.	Deaths, all causes.
		Cases, estimated expectancy.	Cases reported.	Deaths reported.		Cases, estimated expectancy.	Cases reported.	Deaths reported.		
NEW ENGLAND.										
Maine:										
Lewiston.....	33,790	0	0	0	0	0	0	0	1	7
Portland.....	73,129	0	0	0	0	1	1	0	7	14
New Hampshire:										
Concord.....	22,408	0	0	0	1	0	1	0	0	7
Vermont:										
Barre.....	<sup>1</sup> 10,008	0	0	0	0	0	0	0	0	2
Burlington.....	23,613	0	0	0	1	0	0	0	0	11
Massachusetts:										
Boston.....	770,400	0	0	0	14	3	6	1	9	203
Fall River.....	120,912	0	0	0	4	1	0	0	3	21
Springfield.....	144,227	0	0	0	2	1	0	0	0	35
Worcester.....	191,927	0	0	0	2	0	2	0	0	55
Rhode Island:										
Pawtucket.....	68,799	0	0	0	1	0	0	0	0	18
Providence.....	242,378	0	0	0	6	0	0	0	2	49
Connecticut:										
Bridgeport.....	<sup>1</sup> 143,555	1	1	0	2	0	1	0	3	27
Hartford.....	<sup>1</sup> 138,036	0	0	0	0	1	1	0	0	36
New Haven.....	172,967	0	0	0	0	1	0	0	2	39
MIDDLE ATLANTIC.										
New York:										
Buffalo.....	536,718	0	0	0	<sup>2</sup> 8	1	0	0	24	106
New York.....	5,927,625	0	1	0	96	20	24	3	215	1,145
Rochester.....	317,867	0	0	0	6	1	1	0	3	67
Syracuse.....	184,511	0	0	0	1	1	0	0	5	48
New Jersey:										
Camden.....	124,157	0	1	0	0	0	0	0	1	32
Newark.....	438,699	0	0	0	9	1	1	0	71	82
Trenton.....	127,390	0	0	0	4	1	0	0	5	43
Pennsylvania:										
Philadelphia.....	1,922,788	0	0	0	32	9	5	0	95	397
Pittsburgh.....	613,442	0	14	1	14	3	3	1	29	149
Reading.....	110,917	0	0	0	1	1	0	0	15	29
Scranton.....	140,636	0	0	0	0	1	0	0	4	---
EAST NORTH CENTRAL.										
Ohio:										
Cincinnati.....	406,312	1	9	0	9	1	1	0	5	96
Cleveland.....	888,519	2	4	0	19	2	1	0	82	172
Columbus.....	261,082	1	0	0	5	1	0	0	5	71
Toledo.....	268,336	1	10	2	5	1	0	0	26	70
Indiana:										
Fort Wayne.....	93,573	0	1	0	0	0	0	0	---	16
Indianapolis.....	342,718	1	10	0	3	1	0	0	30	78
South Bend.....	76,709	0	0	0	0	1	1	0	0	14
Terre Haute.....	68,939	0	0	0	0	0	0	0	4	8
Illinois:										
Chicago.....	2,886,121	1	6	0	39	3	9	0	46	561
Cicero.....	55,968	0	---	---	---	0	0	0	---	---
Peoria.....	79,675	1	0	0	2	0	0	0	2	23
Springfield.....	61,833	1	0	0	0	0	1	0	---	13
Michigan:										
Detroit.....	995,668	4	1	3	17	6	3	1	56	210
Flint.....	117,969	1	0	0	2	1	0	0	0	27
Grand Rapids.....	145,047	0	0	0	4	0	1	1	3	36
Saginaw.....	69,754	0	0	0	0	0	1	2	1	18
Wisconsin:										
Madison.....	42,519	1	0	0	0	0	2	0	10	---
Milwaukee.....	484,595	2	0	0	7	1	1	0	25	105
Racine.....	64,393	1	0	0	0	0	0	0	0	6
Superior.....	<sup>1</sup> 39,671	2	2	0	1	0	0	0	---	8

<sup>1</sup> Population Jan. 1, 1920.<sup>2</sup> Pulmonary only.

## City reports for week ended July 12, 1924—Continued.

Division, State, and city.	Popula- tion, July 1, 1923, estimated.	Smallpox.			Tubercu- losis, deaths reported.	Typhoid fever.			Whooping cough, cases reported.	Deaths, all causes.
		Cases, estimated expectancy.	Cases reported.	Deaths reported.		Cases, estimated expectancy.	Cases reported.	Deaths reported.		
WEST NORTH CENTRAL.										
Minnesota:										
Duluth.....	106,290	1	4	0	0	0	0	0	0	28
Minneapolis.....	409,125	5	14	1	4	0	1	0	1	79
St. Paul.....	241,891	2	13	0	3	1	2	0		72
Iowa:										
Des Moines.....	140,923	1	5			0	0		0	
Sioux City.....	79,662	1	0			0	0		0	
Waterloo.....	39,667	0	0			0	0		0	
Missouri:										
Kansas City.....	351,819	1	0	0	10	2	0	0	9	92
St. Joseph.....	78,232	1	0	0	0	0	0	0	1	40
St. Louis.....	803,853	1	0	0	12	6	7	0	21	206
North Dakota:										
Fargo.....	24,841	0	0	0	0	0	2	0	0	12
Grand Forks.....	14,547	1	0	0	0	0	0	0	0	
South Dakota:										
Aberdeen.....	15,829		0	0	0	6	1	0	1	
Sioux Falls.....	29,206	0	0	0	0	0	0	0	0	10
Nebraska:										
Lincoln.....	58,761	0	0	0	1	0	3	0		10
Omaha.....	204,382	2	7	0	0	0	0	0	0	43
Kansas:										
Topeka.....	52,555	0	0	0	0	1	0	1	11	9
Wichita.....	79,261	1	9	0	0	1	0	0	0	28
SOUTH ATLANTIC.										
Delaware:										
Wilmington.....	117,728	0	0	0	2	1	0	0	4	18
Maryland:										
Baltimore.....	773,580	0	0	0	20	7	3	0	24	189
Cumberland.....	32,361	0	0	0	0	1	0	0		5
Frederick.....	11,301	0	0	0	1	1	0	0		3
District of Columbia:										
Washington.....	<sup>1</sup> 437,571	1	0	0	12	5	3	0	25	108
Virginia:										
Lynchburg.....	30,277	0	0	0	1	1	0	0	2	7
Norfolk.....	159,069	1	0	0	3	3	2	0	2	
Richmond.....	181,044	0	0	0	3	1	3	0	9	58
Roanoke.....	55,502	0	0	0	0	1	0	0	2	18
West Virginia:										
Charleston.....	45,597	0	0	0	1	2	1	0	0	5
Huntington.....	57,918	1	0	0	2	1	0	0		14
Wheeling.....	<sup>1</sup> 56,208	0	0	0	0	1	1	0	0	10
North Carolina:										
Raleigh.....	29,171	0	0	0	1	0	2	0	4	15
Wilmington.....	35,719	0	0	0	0	1	0	0	0	11
Winston-Salem.....	56,230	1	1	0	2	2	3	0	7	21
South Carolina:										
Charleston.....	71,245	1	0	0	3	2	1	0		29
Columbia.....	39,688	1	0	0	2	2	3	2	4	20
Greenville.....	25,789	0	0	0	0	1	0	0	5	12
Georgia:										
Atlanta.....	222,963	3	2	0	10	2	2	1	2	83
Brunswick.....	15,937	0	0	0	0	1	1	1	0	4
Savannah.....	89,448	0	0	0	4	2	0	0	0	31
Florida:										
St. Petersburg.....	24,403	0	0	0	0	0	0	0	1	
Tampa.....	56,050	0	0	0	2	0	0	0	0	17

<sup>1</sup> Population Jan. 1, 1920.

## City reports for week ended July 12, 1924—Continued.

Division, State, and city.	Popula- tion, July 1, 1923, estimated.	Smallpox.			Tuberculosis, deaths reported.	Typhoid fever.			Whooping cough, cases reported.	Deaths, all causes.
		Cases, estimated expectancy.	Cases reported.	Deaths reported.		Cases, estimated expectancy.	Cases reported.	Deaths reported.		
EAST SOUTH CENTRAL.										
Kentucky:										
Covington.....	57,877	0	0	0	2	0	0	0	0	18
Louisville.....	257,671	0	1	0	8	4	1	0	10	67
Tennessee:										
Memphis.....	170,067	1	0	0	10	4	4	1	4	79
Nashville.....	121,128	0	4	0	4	5	1	0		46
Alabama:										
Birmingham.....	195,901	1	14	0	4	4	3	0	19	51
Mobile.....	63,858	1	1	0	1	0	0	1	1	16
Montgomery.....	45,383	0	1	0	0	1	1	0	0	1
WEST SOUTH CENTRAL.										
Arkansas:										
Fort Smith.....	30,635	0	0			1	0		4	
Little Rock.....	70,916	0	0	0	1	2	10	1	2	
Louisiana:										
New Orleans.....	404,575	1	0	0	8	3	3	2	4	148
Shreveport.....	54,590		0	0	2		0	0	0	23
Oklahoma:										
Oklahoma.....	101,150	1	1	0	0	2	2	1	0	22
Tulsa.....	102,018	1	0			6	1		1	
Texas:										
Dallas.....	177,274	0	0	0	1	3	2	0	5	32
Galveston.....	46,877	0	0	0	0	1	0	0	0	8
Houston.....	154,970	0	1	0	4	1	6	0	0	38
San Antonio.....	184,727	0	0	0	5	0	0	1	0	53
MOUNTAIN.										
Montana:										
Billings.....	16,927	0	0	0	1	0	0	0	0	1
Great Falls.....	27,787	0	0	0	0	1	1	0	2	2
Helena.....	112,037	0	0	0	0	0	0	0	0	1
Missoula.....	112,668	1	1	0	0	0	0	0	0	3
Idaho:										
Boise.....	22,806	1	2	0	0	0	0	0	0	4
Colorado:										
Denver.....	272,031	3	3	0	5	1	1	0	35	62
Pueblo.....	43,519	1	0	0	1	0	0	0		11
New Mexico:										
Albuquerque.....	16,648	0	0	0	0	1	0	0	0	9
Utah:										
Salt Lake City.....	126,241	2	0	0	1	0	3	1	0	39
Nevada:										
Reno.....	12,429	0	0	0	0	0	0	0	0	6
PACIFIC.										
Washington:										
Seattle.....	1315,685	2	3			1	3		1	
Spokane.....	104,573	4	7			0	1		3	
Tacoma.....	101,731	1	2			1	1		0	
Oregon:										
Portland.....	273,621	3	1	0	6	0	0	0	4	72
California:										
Los Angeles.....	666,853	1	29	0	20	4	4	1	37	166
Sacramento.....	69,950	0	0	0	3	1	0	0	0	16
San Francisco.....	539,038	1	0	0	13	1	0	0	0	150

<sup>1</sup> Population Jan. 1, 1920.

## City reports for week ended July 12, 1924—Continued.

Division, State, and city.	Cerebro-spinal men- ingitis.		Lethargic enceph- alitis.		Pellagra.		Poliomyelitis (infantile paralysis).		Typhus fever.		
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases, est. expectancy.	Cases.	Deaths.	Cases.	Deaths.
NEW ENGLAND.											
Massachusetts: Boston.....	1	0	1	1	2	0	0	0	0	0	0
MIDDLE ATLANTIC.											
New York: New York..... Syracuse.....	7 0	3 0	3 0	1 0	0 0	1 0	4 0	0 3	0 0	1 0	0 0
New Jersey: Newark..... Trenton.....	0 0	1 0	0 0	0 0	0 0	0 1	1 0	0 0	0 0	0 0	0 0
Pennsylvania: Philadelphia.....	0 0	0 0	1 1	1 1	0 0	0 0	0 0	0 0	0 0	0 0	0 0
EAST NORTH CENTRAL.											
Ohio: Cleveland..... Columbus.....	0 0	0 0	0 0	0 2	0 0	0 0	0 0	1 0	0 0	0 0	0 0
Illinois: Chicago.....	1	1	1	1	0	0	1	2	0	0	0
Michigan: Detroit.....	2	2	0	0	0	0	1	0	0	0	0
Wisconsin: Milwaukee.....	0	0	1	1	0	0	1	0	0	0	0
SOUTH ATLANTIC.											
Maryland: Baltimore.....	0	0	1	0	0	0	1	1	0	0	0
North Carolina: Raleigh.....	0	1	0	0	0	0	0	0	0	0	0
South Carolina: Charleston..... Columbia.....	0 0	0 0	0 0	0 0	0 0	1 1	0 0	0 0	0 0	0 0	0 0
Georgia: Atlanta..... Savannah.....	0 0	0 0	0 0	0 0	0 0	1 2	0 0	0 0	0 0	0 0	0 0
EAST SOUTH CENTRAL.											
Alabama: Birmingham.....	0	0	0	0	0	0	0	0	0	1	0
WEST SOUTH CENTRAL.											
Louisiana: Shreveport.....	0	0	0	0	0	1	0	0	0	0	0
Oklahoma: Oklahoma.....	0	0	0	1	0	0	0	0	0	0	0
Texas: Houston..... San Antonio.....	0 0	1 0	0 0	0 0	0 0	0 1	0 0	0 0	0 1	0 0	0 0
MOUNTAIN.											
Utah: Salt Lake City.....	0	0	0	0	0	0	0	1	0	0	0
PACIFIC.											
California: San Francisco.....	0	0	1	0	1	1	0	0	0	0	0

The following table gives a summary of the reports from 105 cities for the 10-week period ended July 12, 1924. The cities included in this table are those whose reports have been published for all 10 weeks in the Public Health Reports. Eight of these cities did not report deaths. The aggregate population of the cities reporting

cases was estimated at nearly 29,000,000 on July 1, 1923, which is the latest date for which estimates are available. The cities reporting deaths had more than 28,000,000 population on that date. The number of cities included in each group and the aggregate population are shown in a separate table below.

*Summary of weekly reports from cities, May 4 to July 12, 1924.*

DIPHTHERIA CASES.

	1924, week ended—									
	May 10.	May 17.	May 24.	May 31.	June 7.	June 14.	June 21. <sup>1</sup>	June 28.	July 5.	July 12.
Total.....	892	930	927	868	919	911	885	878	666	689
New England.....	83	78	94	85	90	73	97	78	64	55
Middle Atlantic.....	395	357	340	371	387	405	368	387	296	301
East North Central.....	157	168	175	129	150	157	135	136	<sup>2</sup> 101	<sup>3</sup> 131
West North Central.....	64	110	106	80	76	55	65	36	50	52
South Atlantic.....	31	42	32	33	41	35	31	29	<sup>4</sup> 17	19
East South Central.....	8	3	8	4	8	6	4	8	1	3
West South Central.....	26	16	18	18	18	17	16	15	19	5
Mountain.....	29	18	30	14	37	15	30	30	19	36
Pacific.....	99	138	124	134	112	148	139	<sup>5</sup> 168	99	87

MEASLES CASES.

Total.....	4,422	4,019	3,716	2,942	3,240	2,847	2,302	1,857	1,188	987
New England.....	339	271	310	227	247	175	168	120	90	66
Middle Atlantic.....	1,889	1,868	1,571	1,231	1,483	1,287	1,051	774	535	422
East North Central.....	862	781	873	732	747	756	568	565	<sup>2</sup> 288	<sup>3</sup> 295
West North Central.....	274	197	128	124	130	97	87	63	46	29
South Atlantic.....	457	465	468	344	317	317	220	187	<sup>4</sup> 143	91
East South Central.....	73	56	56	47	36	32	26	19	15	15
West South Central.....	71	51	33	28	19	11	2	5	1	7
Mountain.....	97	100	79	70	50	20	33	35	22	11
Pacific.....	360	230	198	139	211	152	147	<sup>5</sup> 89	48	51

SCARLET FEVER CASES.

Total.....	1,549	1,503	1,311	1,208	1,243	1,067	973	717	563	559
New England.....	210	213	165	168	181	143	111	<sup>*</sup> 92	59	50
Middle Atlantic.....	470	452	406	380	401	335	331	226	186	144
East North Central.....	318	336	279	254	243	252	238	161	<sup>2</sup> 132	<sup>3</sup> 166
West North Central.....	219	223	182	167	182	160	128	102	68	100
South Atlantic.....	156	118	134	112	120	91	63	43	<sup>4</sup> 30	47
East South Central.....	19	9	9	8	11	6	6	1	1	7
West South Central.....	15	14	14	11	11	12	9	7	11	8
Mountain.....	37	25	30	17	17	3	13	12	16	4
Pacific.....	102	113	92	91	77	65	74	<sup>5</sup> 73	60	33

SMALLPOX CASES.

Total.....	460	529	408	327	472	334	346	238	159	169
New England.....	0	0	0	0	0	0	0	0	0	1
Middle Atlantic.....	0	5	1	1	8	7	10	16	19	16
East North Central.....	165	213	181	145	174	157	121	61	<sup>2</sup> 44	<sup>3</sup> 33
West North Central.....	33	39	26	19	40	33	34	41	23	47
South Atlantic.....	95	51	54	29	39	44	35	12	<sup>4</sup> 9	3
East South Central.....	20	54	33	36	107	22	65	36	23	21
West South Central.....	1	7	6	7	5	7	8	7	1	1
Mountain.....	6	6	3	7	2	6	10	9	5	6
Pacific.....	140	154	104	83	97	58	63	<sup>5</sup> 56	35	41

<sup>1</sup> Corrected figures.

<sup>2</sup> Figures for Racine, Wis., estimated. Report not received at time of going to press.

<sup>3</sup> Figures for Cicero, Ill., estimated.

<sup>4</sup> Figures for Frederick, Md., estimated.

<sup>5</sup> Figures for San Francisco, Calif., estimated.



## Summary of weekly reports from cities, May 4 to July 12, 1924—Continued.

## TYPHOID FEVER CASES.

	1924, week ended—									
	May 10.	May 17.	May 24.	May 31.	June 7.	June 14.	June 21. <sup>1</sup>	June 28.	July 5.	July 12.
Total.....	68	73	78	78	92	107	132	89	128	142
New England.....	9	2	6	9	3	7	8	4	2	6
Middle Atlantic.....	25	32	24	18	30	46	58	41	46	34
East North Central.....	9	12	7	6	11	9	11	11	<sup>1</sup> 9	<sup>1</sup> 20
West North Central.....	2	3	8	5	8	5	4	5	15	12
South Atlantic.....	11	8	18	13	12	10	16	10	<sup>1</sup> 23	25
East South Central.....	3	7	6	11	7	8	13	3	8	10
West South Central.....	3	3	5	10	13	13	8	4	8	21
Mountain.....	3	0	2	1	0	0	4	3	6	5
Pacific.....	3	6	2	5	8	9	10	<sup>1</sup> 8	11	9

## INFLUENZA DEATHS.

Total.....	60	49	40	30	21	15	22	13	9	11
New England.....	2	1	2	1	1	1	0	1	1	0
Middle Atlantic.....	32	25	10	10	5	6	8	3	2	5
East North Central.....	10	5	11	10	3	2	2	3	<sup>1</sup> 2	<sup>1</sup> 1
West North Central.....	3	4	3	1	2	2	1	0	0	0
South Atlantic.....	7	5	6	5	3	1	5	4	<sup>1</sup> 3	2
East South Central.....	4	4	3	1	2	3	3	2	1	3
West South Central.....	0	3	1	1	2	0	3	0	0	0
Mountain.....	1	1	1	0	0	0	0	0	0	0
Pacific.....	1	1	3	1	3	0	0	<sup>1</sup> 0	0	0

## PNEUMONIA DEATHS.

Total.....	782	743	644	630	590	573	521	434	358	319
New England.....	55	52	36	34	37	46	28	22	19	16
Middle Atlantic.....	332	343	285	267	276	250	214	200	167	141
East North Central.....	150	139	136	131	118	108	130	91	<sup>1</sup> 62	<sup>1</sup> 56
West North Central.....	42	41	38	40	22	40	34	11	15	22
South Atlantic.....	93	86	64	60	66	51	50	50	<sup>1</sup> 39	39
East South Central.....	29	22	32	40	18	20	12	15	14	9
West South Central.....	25	27	27	14	18	27	24	12	16	16
Mountain.....	24	13	11	18	14	15	9	12	8	10
Pacific.....	32	20	15	26	21	16	20	<sup>1</sup> 21	18	10

Number of cities included in summary of weekly reports and aggregate population of cities in each group, estimated as of July 1, 1923.

Group of cities.	Number of cities reporting cases.	Number of cities reporting deaths.	Aggregate population of cities reporting cases.	Aggregate population of cities reporting deaths.
Total.....	105	97	28,898,350	28,140,934
New England.....	12	12	2,098,746	2,098,746
Middle Atlantic.....	10	10	10,304,114	10,304,114
East North Central.....	17	17	7,032,535	7,032,535
West North Central.....	14	11	2,515,330	2,381,454
South Atlantic.....	22	22	2,566,901	2,566,901
East South Central.....	7	7	911,885	911,885
West South Central.....	8	6	1,124,564	1,023,013
Mountain.....	9	9	546,445	546,445
Pacific.....	6	3	1,797,830	1,275,841

<sup>1</sup> Corrected figures.

<sup>2</sup> Figures for Racine, Wis., estimated. Report not received at time of going to press.

<sup>3</sup> Figures for Cicero, Ill., estimated.

<sup>4</sup> Figures for Frederick, Md., estimated.

<sup>5</sup> Figures for San Francisco, Calif., estimated.

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924.

## ANTHRAX.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
California:				New York—Continued.			
Kings County.....			1	Montgomery County.....			1
Indiana:				Warren County.....		1	
Laporte County.....			2	County not stated.....			1
Massachusetts:				Total.....	2	1	3
Essex County.....		1					
Mississippi.....	6	5	1	North Dakota:			
Missouri:				Sioux County.....	4		
Ripley County.....	1			Ohio:			
New Jersey:				Montgomery County.....		1	
Camden County.....			1	Pennsylvania:			
New York:				Philadelphia.....		1	
Broome County.....	1			Wisconsin:			
Fulton County.....	1		1	Winnebago County.....	1		

## CEREBROSPINAL MENINGITIS (EPIDEMIC).

Alabama:				Florida:			
Escambia County.....		1		Bay County.....		1	
Etowah County.....				Duval County.....		2	1
Jefferson County.....	2	2	1	Hillsborough County.....			1
Lauderdale County.....			1	Lafayette County.....			1
Lowndes County.....		2		Lee County.....			1
Morgan County.....	1	1		Leon County.....			1
Pike County.....			1	Total.....		3	5
Winston County.....			1				
Total.....	3	6	4	Georgia:			
Arkansas:				Fulton County.....		2	
Clay County.....	1			Hawaii:			
Grant County.....		1		Hawaii.....	5	1	2
Madison County.....			1	Kauai.....	4		1
Montgomery County.....	1			Maui.....	10	7	1
Total.....	2	1	1	Oahu.....	4	4	
California:				Total.....	23	12	4
Alameda County.....	1	1					
Butte County.....	1			Idaho:			
Fresno County.....			1	Bonneville County.....			1
Imperial County.....	1						
Kern County.....			1	Illinois:			
Los Angeles County.....	3	3	2	Bureau County.....	2		
Sacramento County.....			1	Champaign County.....			1
San Francisco County.....	2	3	2	Cook County.....	5	1	5
San Joaquin County.....	1	1		De Kalb County.....			1
San Mateo County.....		1		Grundy County.....	1		
Santa Barbara County.....		1		Knox County.....	1		1
Stanislaus County.....	1	1		La Salle County.....	1		
Tulare County.....	1	1		Montgomery County.....	1		
Total.....	10	12	7	Williamson County.....			1
Colorado:				Winnebago County.....		1	
Denver County.....	1			Total.....	11	2	9
Weld County.....			1				
Total.....	1		1	Indiana:			
Connecticut:				Allen County.....		1	
Hartford County.....	1	1	3	Bartholomew County.....			1
New Haven County.....		1	2	Davess County.....	1		
New London County.....			2	Elkhart County.....			1
Total.....	1	2	7	Hamilton County.....			1
Delaware:				Knox County.....			2
Newark County.....		2		Monroe County.....		1	
Sussex County.....	1			Montgomery County.....			1
Wilmington County.....		1		Ripley County.....	7		
Total.....	1	3		Vanderburg County.....		1	
District of Columbia.....		1		Washington County.....			1
				Total.....	8	3	7
				Iowa:			
				O'Brien County.....	1		
				Washington County.....	1		
				Total.....	2		

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## CEREBROSPINAL MENINGITIS (EPIDEMIC)—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Kansas:</b>				<b>Montana—Continued.</b>			
Barton County.....		1		Yellowstone County.....		1	
Brown County.....			1	<b>Total.....</b>		3	2
Crawford County.....			1				
Franklin County.....	1			<b>Nebraska:</b>			
Johnson County.....			1	Boyd County.....		1	
McPherson County.....			1	Lancaster County.....	1		
Republic County.....		1		Madison County.....	1		
Sumner County.....			1	Sherman County.....	1		
Wyandotte County.....	2	1	1	<b>Total.....</b>	3	1	
<b>Total.....</b>	3	3	6				
<b>Louisiana:</b>				<b>New Jersey:</b>			
Caddo Parish.....		1		Bergen County.....	3	1	
Iberville Parish.....			1	Camden County.....		1	
Lafayette Parish.....	1			Cumberland County.....		1	
Orleans Parish.....	1	1	2	Essex County.....	3	5	5
Tangipahoa Parish.....	1			Hudson County.....	3	2	3
<b>Total.....</b>	3	2	3	Passaic County.....	1		1
				Union County.....	1	1	4
<b>Maine:</b>				<b>Total.....</b>	11	11	13
Androscoggin County.....	2						
Franklin County.....	2			<b>New Mexico:</b>			
<b>Total.....</b>	4			Grant County.....		1	1
				Guadalupe County.....			2
<b>Maryland:</b>				McKinley County.....		1	
Baltimore City.....		1		San Miguel County.....			1
Somerset County.....			1	<b>Total.....</b>		2	4
<b>Total.....</b>		1	1				
<b>Massachusetts:</b>				<b>New York:</b>			
Bristol County.....			2	Albany County.....		1	1
Essex County.....	2	2	3	Broome County.....	1		
Franklin County.....			1	Cayuga County.....		1	
Hampden County.....		1		Cortland County.....	1		
Middlesex County.....	5	5	2	Delaware County.....			1
Norfolk County.....		2		Erie County.....	1	3	
Suffolk County.....	2	4	3	Nassau County.....			1
Worcester County.....	1	1	1	New York City.....	15	12	10
<b>Total.....</b>	10	15	12	Oneida County.....			1
				Onondaga County.....			2
<b>Minnesota:</b>				Orange County.....		1	
Itasca County.....		1		Rensselaer County.....	1		
Freeborn County.....			1	Saint Lawrence County.....	1		
Hennepin County.....	1			Steuben County.....			1
Morrison County.....		1		Sullivan County.....			1
Murray County.....			1	Tompkins County.....		1	
Saint Louis County.....		1		Washington County.....			1
Wilkin County.....	1			Wayne County.....			1
Wright County.....			1	Westchester County.....	1		3
<b>Total.....</b>	2	3	3	Yates County.....			1
				<b>Total.....</b>	22	19	24
<b>Mississippi:</b>							
Harrison County.....			1	<b>North Carolina:</b>			
Marion County.....	1			Buncombe County.....	1		1
<b>Total.....</b>	1			Cherokee County.....		1	
				Duplin County.....			1
<b>Missouri:</b>				Gaston County.....	1		
Cape Girardeau County.....			1	Guilford County.....	1		
Jackson County.....		1		McDowell County.....			1
Saint Louis City.....	6	1	3	<b>Total.....</b>	3	1	3
Texas County.....		1	1				
<b>Total.....</b>	6	3	5	<b>Ohio:</b>			
				Belmont County.....			1
<b>Montana:</b>				Crawford County.....	1		
Beaverhead County.....		1		Cuyahoga County.....	3	1	1
Carbon County.....			1	Fairfield County.....		1	
Custer County.....			1	Lucas County.....		1	
Deerlodge County.....		1		Monroe County.....	1		
				Summit County.....	1	1	
				Union County.....			1
				<b>Total.....</b>	6	4	3

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## CEREBROSPINAL MENINGITIS (EPIDEMIC)—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
Oklahoma:				Virginia—Continued.			
Custer County.....	1	-----	-----	Henry County.....	-----	1	-----
Mayes County.....	1	-----	-----	King George County.....	-----	1	-----
Total.....	2	(1)	-----	King William County.....	-----	1	-----
Pennsylvania:				Lee County.....	1	-----	-----
Allegheny County.....	1	3	1	Montgomery County.....	2	-----	1
Cambria County.....	-----	-----	1	Norfolk County.....	-----	1	-----
Clearfield County.....	-----	-----	1	Powhatan County.....	-----	1	-----
Delaware County.....	1	-----	-----	Russell County.....	1	-----	1
Forest County.....	1	-----	-----	Shenandoah County.....	-----	-----	2
Montour County.....	-----	-----	1	Smyth County.....	1	-----	1
Philadelphia County.....	3	6	2	Tazewell County.....	-----	-----	1
Schuylkill County.....	1	-----	-----	Washington County.....	3	-----	-----
Washington County.....	1	-----	-----	Total.....	10	5	8
Westmoreland County.....	-----	1	-----	Washington:			
Wyoming County.....	1	-----	-----	King County.....	-----	-----	1
York County.....	1	-----	2	Spokane County.....	-----	1	-----
Total.....	10	10	8	Yakima County.....	-----	1	-----
Rhode Island:				Total.....	-----	2	1
Newport County.....	-----	-----	2	West Virginia:			
South Carolina:				Harrison County.....	-----	-----	1
Charleston County.....	-----	-----	1	Kanawha County.....	-----	-----	1
Dillon County.....	-----	1	-----	Logan County.....	1	-----	-----
Lexington County.....	-----	-----	1	Mercer County.....	1	-----	-----
Total.....	-----	1	2	Total.....	2	-----	2
South Dakota:				Wisconsin:			
Bon Homme County.....	1	-----	-----	Calumet County.....	1	-----	-----
Lake County.....	1	-----	-----	Columbia County.....	1	-----	-----
Roberts County.....	1	-----	-----	Grant County.....	1	-----	-----
Total.....	3	-----	-----	Jackson County.....	-----	-----	1
Tennessee.....	4	5	1	Marathon County.....	1	-----	-----
Utah:				Milwaukee County.....	4	2	3
Davis County.....	-----	1	-----	Monroe County.....	1	-----	-----
Virginia:				Racine County.....	-----	1	-----
Botetourt County.....	1	-----	-----	Vernon County.....	-----	-----	1
Charlotte County.....	-----	-----	1	Washington County.....	1	-----	-----
Hanover County.....	1	-----	1	Total.....	10	3	5
				Wyoming:			
				Big Horn County.....	-----	1	-----

## DIPHTHERIA.

Alabama:				Alabama—Continued.			
Barbour County.....	-----	1	-----	Morgan County.....	-----	2	-----
Bibb County.....	-----	-----	2	Pickens County.....	-----	-----	1
Butler County.....	-----	3	-----	Saint Clair County.....	-----	-----	1
Calhoun County.....	-----	1	3	Shelby County.....	-----	1	-----
Chambers County.....	-----	2	-----	Tuscaloosa County.....	-----	4	2
Clarke County.....	-----	-----	1	Walker County.....	-----	5	4
Colbert County.....	-----	1	1	Washington County.....	-----	-----	6
Covington County.....	-----	-----	3	Wilcox County.....	-----	2	-----
Dallas County.....	-----	2	-----	Winston County.....	-----	1	2
Escambia County.....	-----	2	1	County not stated.....	71	-----	-----
Etowah County.....	-----	1	2	Total.....	71	58	40
Fayette County.....	-----	2	-----	Arizona:			
Geneva County.....	-----	1	-----	Apache County.....	1	2	1
Henry County.....	-----	1	-----	Cochise County.....	1	1	6
Jackson County.....	-----	1	-----	Cocconino County.....	-----	1	-----
Jefferson County.....	-----	16	4	Gila County.....	-----	-----	1
Lamar County.....	-----	-----	1	Maricopa County.....	4	4	7
Lauderdale County.....	-----	1	-----	Navajo County.....	2	2	3
Limestone County.....	-----	2	-----	Pima County.....	2	-----	-----
Madison County.....	-----	1	2	Yuma County.....	1	1	-----
Marshall County.....	-----	-----	1	Total.....	11	11	18
Mobile County.....	-----	4	1				
Monroe County.....	-----	-----	1				
Montgomery County.....	-----	1	1				

<sup>1</sup> Report for February not received at time of going to press.

August 1, 1924

1866

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## DIPHTHERIA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Arkansas:</b>				<b>Colorado:</b>			
Arkansas County	5	5		Arapahoe County	3	6	2
Benton County	5	1	1	Archuleta County	8		1
Calhoun County		1		Boulder County	7	6	8
Conway County	1			Conejos County			1
Craighead County			1	Custer County		3	
Crawford County		1		Delta County	2	7	
Drew County	1			Denver County	63	65	60
Franklin County	1	1		El Paso County		3	2
Garland County	1		1	Fremont County	1		2
Grant County	3			Gilpin County			1
Greene County	1	1		Huerfano County	5		7
Hot Spring County	1			Jefferson County	3	7	3
Independence County			2	Kit Carson County		2	
Lawrence County	1			La Plata County		4	9
Lee County	1	3	1	Larimer County		2	
Monroe County	2			Las Animas County	5	7	4
Pulaski County	15	5	5	Mesa County			6
Randolph County	2	2	1	Morgan County		1	1
Saint Francis County	1	2	1	Otero County		4	
Scott County	1		1	Phillips County		1	4
Sebastian County	7	6	4	Pueblo County	11	7	19
Sharp County	1	1		Rio Grande County		1	1
Washington County	4	1	1	Washington County	8		
White County			2	Weld County	10	2	9
Woodruff County		2		Yuma County	1		
Yell County			1				
<b>Total</b>	<b>54</b>	<b>32</b>	<b>22</b>	<b>Total</b>	<b>127</b>	<b>128</b>	<b>140</b>
<b>California:</b>				<b>Connecticut:</b>			
Alameda County	196	137	131	Fairfield County		37	55
Amador County	4		1	Hartford County		81	67
Butte County	4		6	Litchfield County		3	2
Calaveras County			1	Middlesex County		4	5
Contra Costa County	32	25	14	New Haven County		84	44
Fresno County	38	19	30	New London County		9	14
Humboldt County	1	2		Tolland County		10	4
Imperial County	5		3	Windham County		1	5
Inyo County		1		County not stated	274		
Kern County	26	14	13				
Kings County	6	2	4	<b>Total</b>	<b>274</b>	<b>229</b>	<b>196</b>
Lake County	3		2				
Lassen County			10	<b>Delaware</b>	<b>46</b>	<b>24</b>	<b>17</b>
Los Angeles County	568	379	409				
Madera County	1	1	1	<b>District of Columbia</b>	<b>50</b>	<b>30</b>	<b>31</b>
Marin County	3	3	1				
Mendocino County	7	8	2	<b>Florida:</b>			
Merced County	8	6	2	Bay County		4	1
Modoc County		2		Bradford County			2
Monterey County	5	1	4	Broward County			1
Napa County		4	2	Columbia County		10	2
Orange County	16	10	6	Dade County		20	18
Riverside County	6	18	2	Duval County		1	6
Sacramento County	44	30	41	Escambia County			
San Benito County	1	2		Hardee County		1	
San Bernardino County	21	22	29	Highlands County			1
San Diego County	76	44	27	Hillsborough County		12	5
San Francisco County	361	240	179	Jackson County		1	4
San Joaquin County	13	12	26	Lake County		2	2
San Luis Obispo County	1		5	Lee County			2
San Mateo County	15	11	14	Leon County		1	
Santa Barbara County	17	4	1	Marion County			1
Santa Clara County	29	17	18	Monroe County			1
Santa Cruz County	2		2	Nassau County		2	
Shasta County	2	1		Orange County		1	
Sierra County	1			Palm Beach County			2
Solano County	2	4	3	Pinellas County		2	2
Sonoma County	14	6	4	Polk County		1	1
Stanislaus County	14	15	13	Seminole County			
Sutter County	2			Taylor County		2	1
Tulare County	4	3	5	Union County		1	
Tuolumne County	5	5	1	Volusia County			
Ventura County	18	8	5	County not stated	57		
Yolo County	1	1	1				
Yuba County	3	2		<b>Total</b>	<b>57</b>	<b>62</b>	<b>53</b>
<b>Total</b>	<b>1,575</b>	<b>1,059</b>	<b>1,018</b>	<b>Georgia:</b>			
				Bibb County	2	1	
				Burke County			1



## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## DIPHTHERIA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Georgia—Continued.</b>				<b>Illinois—Continued.</b>			
Butts County.....	1	1	4	Champaign County.....	10	6	6
Carroll County.....	1	3	—	Christian County.....	3	1	1
Charlton County.....	2	—	11	Clark County.....	4	—	—
Chatham County.....	5	—	4	Clay County.....	13	2	1
Cherokee County.....	3	3	1	Clinton County.....	6	4	3
Clarke County.....	—	1	—	Coles County.....	601	469	377
Colquitt County.....	—	—	1	Cook County.....	2	—	2
Coweta County.....	1	2	—	Crawford County.....	3	—	2
Dawson County.....	—	5	2	Cumberland County.....	1	1	2
Decatur County.....	3	—	1	De Kalb County.....	2	3	—
Dekalb County.....	1	1	—	De Witt County.....	4	10	—
Dougherty County.....	—	—	—	Edgar County.....	2	8	2
Elbert County.....	—	—	—	Effingham County.....	1	—	—
Fayette County.....	1	1	3	Fayette County.....	2	—	—
Floyd County.....	14	8	13	Franklin County.....	1	2	1
Forsyth County.....	—	1	—	Fulton County.....	2	2	6
Franklin County.....	1	1	—	Greene County.....	—	3	—
Fulton County.....	1	4	1	Hamilton County.....	1	—	—
Gilmer County.....	—	1	—	Hancock County.....	4	3	4
Gwinnett County.....	2	2	—	Henry County.....	9	1	33
Jackson County.....	1	1	—	Iroquois County.....	2	6	2
Jefferson County.....	—	—	—	Jackson County.....	1	—	—
Lowndes County.....	—	—	—	Jasper County.....	3	—	—
Madison County.....	—	—	—	Jefferson County.....	1	2	—
Mitchell County.....	—	—	—	Jersey County.....	—	—	—
Newton County.....	—	—	—	Jo Daviess County.....	31	24	14
Pierce County.....	2	1	1	Kane County.....	8	11	12
Paulding County.....	1	1	—	Kankakee County.....	2	1	—
Polk County.....	—	—	—	Kendall County.....	3	—	2
Randolph County.....	1	2	2	Knox County.....	13	28	21
Richmond County.....	—	2	—	La Salle County.....	24	10	11
Terrell County.....	—	1	—	Lawrence County.....	3	1	2
Thomas County.....	1	1	3	Lee County.....	1	—	2
Tift County.....	1	1	3	Livingston County.....	—	2	2
Troup County.....	—	—	—	Logan County.....	1	4	—
Upson County.....	—	—	—	McDonough County.....	5	4	—
Walton County.....	1	—	—	McHenry County.....	1	2	2
Wayne County.....	—	—	—	McLean County.....	13	3	5
White County.....	1	1	—	Macon County.....	13	9	6
Whitfield County.....	—	2	3	Macoupin County.....	9	3	4
Wilcox County.....	—	2	—	Madison County.....	33	39	22
Worth County.....	—	—	—	Marion County.....	3	1	2
<b>Total.....</b>	<b>49</b>	<b>54</b>	<b>67</b>	Marshall County.....	—	1	—
<b>Hawaii:</b>				Mason County.....	2	—	1
Hawaii.....	1	5	6	Mercer County.....	—	—	2
Kauai.....	1	2	2	Monroe County.....	2	—	1
Maui.....	1	1	1	Montgomery County.....	2	3	4
Oahu.....	8	20	10	Morgan County.....	1	3	1
<b>Total.....</b>	<b>11</b>	<b>28</b>	<b>19</b>	Ogle County.....	8	2	3
<b>Idaho:</b>				Peoria County.....	2	3	2
Ada County.....	2	1	—	Perry County.....	—	—	1
Donner County.....	4	—	—	Piatt County.....	—	—	1
Bonneville County.....	—	1	—	Pike County.....	2	15	3
Boundary County.....	6	—	—	Randolph County.....	5	2	4
Canyon County.....	1	—	4	Richland County.....	1	1	—
Fremont County.....	—	—	2	Rock Island County.....	33	11	17
Kootenai County.....	1	—	2	Saint Clair County.....	20	12	15
Lewis County.....	—	—	4	Saline County.....	2	1	4
Madison County.....	—	1	—	Sangamon County.....	7	8	6
Nez Perce County.....	—	1	—	Schuyler County.....	1	—	—
Shoshone County.....	—	1	—	Scott County.....	—	1	—
<b>Total.....</b>	<b>14</b>	<b>5</b>	<b>12</b>	Shelby County.....	2	1	1
<b>Illinois:</b>				Stephenson County.....	—	—	2
Adams County.....	3	12	5	Tazewell County.....	9	—	4
Alexander County.....	3	—	6	Union County.....	1	1	1
Bond County.....	2	2	—	Vermilion County.....	5	11	5
Brown County.....	7	1	—	Warren County.....	4	3	1
Bureau County.....	4	3	1	Washington County.....	2	2	3
Carroll County.....	—	—	3	Wayne County.....	—	1	—
Cass County.....	1	1	—	White County.....	—	—	1
				Whiteside County.....	6	4	1
				Will County.....	3	6	7
				Williamson County.....	5	2	2

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## DIPHTHERIA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
Illinois—Continued.				Indiana—Continued.			
Winnebago County	14	13	10	White County		1	1
Woodford County	1			County not stated	555		
Total	1,007	796	671	Total	555	323	222
Indiana:				Iowa:			
Adams County		1	4	Appanoose County		2	1
Allen County		18	15	Boone County			1
Blackford County		1		Calhoun County			1
Bartholomew County			2	Cerro Gordo County		7	8
Boone County		5	3	Cherokee County			1
Clark County		3	1	Clay County		2	
Clay County		3	1	Clayton County		2	
Clinton County			2	Clinton County		8	3
Davies County		7	6	Des Moines County			3
De Kalb County		1	2	Dickinson County			1
Delaware County		9	5	Fayette County		2	6
Elkhart County		8	2	Floyd County		4	1
Fayette County		1	4	Guthrie County		4	
Floyd County		3	2	Howard County			1
Fountain County		1	1	Iowa County			1
Gulton County		1		Jackson County		2	
Gibson County			2	Jefferson County			
Grant County		12	6	Johnson County		2	3
Greene County			1	Kossuth County		2	
Hamilton County		31		Lee County		4	
Hendricks County		5	2	Linn County		7	9
Henry County		3		Mahaska County		1	
Howard County		5	6	Monona County			1
Huntington County		3	4	Muscatine County		1	1
Jackson County		2	1	Page County			
Jasper County			1	Plymouth County		1	1
Jay County			1	Polk County		16	11
Jefferson County		9		Pottawattamie County		1	2
Jennings County		3	7	Scott County		11	7
Johnson County		2		Sioux County		1	
Knox County		3	3	Story County			1
Kosciusko County			3	Wapello County		1	1
Lake County		18	16	Warren County		1	
Laporte County		6	2	Wayne County		1	1
Lawrence County		3	3	Webster County			9
Madison County		5	4	Woodbury County			2
Marion County		39	20	County not stated	153		
Marshall County		11		Total	153	87	77
Martin County		5	3	Kansas:			
Miami County		1	2	Allen County	5	7	3
Monroe County		1	1	Anderson County	1		
Montgomery County		2		Atchison County		1	1
Newton County			2	Barton County	3	5	7
Noble County		3	2	Bourbon County	3	6	6
Orange County		2	2	Brown County	6	1	1
Owen County		1		Butler County	5	1	5
Parke County		1		Chase County			2
Perry County		1		Chautauqua County	1	1	1
Pike County		1		Cherokee County		3	1
Porter County			1	Cheyenne County		2	
Posey County		1	2	Cloud County	3		
Pulaski County		2		Coffey County	1	1	
Randolph County		6	2	Comanche County		1	
Saint Joseph County		19	29	Cowley County	2	5	1
Shelby County		1		Crawford County	17	14	7
Starke County		1	3	Decatur County			1
Steuben County		4		Dickinson County	3	1	1
Sullivan County		2	2	Doniphan County	3		
Switzerland County		3	1	Douglas County	5		
Tippecanoe County		3	5	Elk County			3
Tipton County		1	2	Ellsworth County		1	9
Vanderburg County		12	13	Finney County	1		
Vermillion County			1	Ford County		1	1
Vigo County		3	2	Franklin County	1	2	
Wabash County		8	6	Geary County		1	
Warren County		3		Graham County	1		
Warriek County			2	Greenwood County		3	
Washington County		9	1	Hamilton County			1
Wayne County		4	3				
Wells County			2				

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## DIPHTHERIA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Kansas—Continued.</b>				<b>Maine—Continued.</b>			
Harper County.....	1	—	—	Cumberland County.....	28	20	26
Harvey County.....	2	—	7	Kennebec County.....	2	1	5
Jackson County.....	1	—	—	Knox County.....	1	—	1
Jefferson County.....	2	—	1	Lincoln County.....	—	1	—
Jewell County.....	2	1	—	Oxford County.....	2	—	1
Johnson County.....	4	1	—	Penobscot County.....	6	3	3
Kingman County.....	2	—	1	Somerset County.....	1	—	—
Kiowa County.....	—	1	—	Waldo County.....	—	—	1
Labette County.....	5	2	1	Washington County.....	1	—	3
Leavenworth County.....	3	3	6	York County.....	2	10	8
Lincoln County.....	4	—	—	<b>Total</b> .....	57	39	58
Linn County.....	3	1	—				
Lyon County.....	10	4	3	<b>Maryland:</b>			
McPherson County.....	4	2	4	Alleghany County.....	8	5	7
Marion County.....	6	2	1	Anne Arundel County.....	6	4	2
Marshall County.....	1	—	—	Baltimore City.....	119	88	103
Montgomery County.....	3	1	2	Baltimore County.....	7	4	3
Morris County.....	5	1	5	Calvert County.....	—	1	—
Neosho County.....	4	1	—	Caroline County.....	5	1	2
Osage County.....	3	1	4	Carroll County.....	8	1	2
Pawnee County.....	1	—	—	Cecil County.....	1	2	—
Pottawatomie County.....	1	—	—	Dorchester County.....	4	1	1
Reno County.....	1	1	2	Frederick County.....	25	3	9
Republic County.....	1	4	1	Garrett County.....	2	2	4
Riley County.....	1	2	—	Harford County.....	2	—	3
Russell County.....	—	—	2	Howard County.....	—	—	1
Saline County.....	3	2	9	Kent County.....	3	3	2
Sedgwick County.....	22	25	23	Montgomery County.....	1	2	3
Seward County.....	—	—	4	Prince Georges County.....	2	—	2
Shawnee County.....	10	14	12	Queen Annes County.....	—	—	3
Sherman County.....	—	3	—	St. Marys County.....	—	3	—
Smith County.....	4	—	—	Somerset County.....	2	—	—
Stafford County.....	2	—	—	Talbot County.....	1	1	1
Sumner County.....	8	8	2	Washington County.....	25	13	6
Thomas County.....	4	6	—	Wicomico County.....	3	3	2
Trego County.....	—	1	—	Worcester County.....	2	—	—
Wabaunsee County.....	1	—	—	<b>Total</b> .....	226	137	156
Wilson County.....	9	2	—				
Wyandotte County.....	19	6	6	<b>Massachusetts:</b>			
<b>Total</b> .....	213	152	147	Barnstable County.....	—	—	8
<b>Louisiana:</b>				Berkshire County.....	—	20	12
Allen Parish.....	1	—	—	Bristol County.....	—	38	28
Assumption Parish.....	2	2	—	Essex County.....	—	112	77
Beauregard Parish.....	—	—	2	Franklin County.....	—	5	2
Bossier Parish.....	1	—	—	Hampden County.....	—	47	33
Caddo Parish.....	4	8	8	Hampshire County.....	—	3	5
Catahoula Parish.....	4	1	—	Middlesex County.....	—	152	82
De Soto Parish.....	—	—	2	Nantucket County.....	—	4	2
East Baton Rouge Parish.....	1	—	—	Norfolk County.....	—	26	37
East Feliciana Parish.....	—	—	1	Plymouth County.....	—	73	30
Iberia Parish.....	1	2	1	Suffolk County.....	—	310	209
Iberville Parish.....	—	1	1	Worcester County.....	—	59	63
Jefferson Davis Parish.....	1	—	—	County not stated.....	1, 095	—	—
Lafayette Parish.....	2	—	—	<b>Total</b> .....	1, 095	849	648
La Fourche Parish.....	—	1	1				
Madison Parish.....	—	5	—	<b>Michigan:</b>			
Natchitoches Parish.....	1	—	1	Alger County.....	22	2	—
Orleans Parish.....	85	53	59	Allegan County.....	5	1	3
Ouachita Parish.....	—	1	1	Alpena County.....	—	6	2
Rapides Parish.....	6	2	1	Antrim County.....	5	6	4
Richland Parish.....	2	—	—	Arenac County.....	2	—	1
Saint Helena Parish.....	1	1	—	Baraga County.....	—	—	1
Saint Mary Parish.....	6	2	1	Barry County.....	1	1	—
Saint Tammany Parish.....	—	—	—	Bay County.....	5	3	5
Tangipahoa Parish.....	1	—	1	Berrien County.....	12	10	7
Terrebone Parish.....	1	—	—	Branch County.....	2	3	—
Vermilion Parish.....	2	1	—	Calhoun County.....	28	17	20
Washington Parish.....	4	—	—	Charlevoix County.....	2	2	—
<b>Total</b> .....	122	80	81	Cheboygan County.....	1	—	1
<b>Maine:</b>				Chippewa County.....	17	3	4
Androscoggin County.....	7	4	8	Clinton County.....	6	1	1
Aroostook County.....	7	—	2	Crawford County.....	3	—	—
				Delta County.....	12	—	6
				Dickinson County.....	—	9	9

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## DIPHTHERIA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Michigan—Continued.</b>				<b>Minnesota—Continued.</b>			
Eaton County.....	6	2	1	Norman County.....	10	10	
Emmet County.....	1	1		Olmsted County.....	5	2	
Genesee County.....	42	21	17	Otter Tail County.....	1	1	
Gogebic County.....	5		5	Pine County.....	5	7	
Grand Traverse County.....	6			Polk County.....	3		
Gratiot County.....	1	1	1	Pope County.....	1	14	
Hillsdale County.....	2			Ramsey County.....	64	69	
Houghton County.....	3	1	2	Red Lake County.....	2		
Huron County.....	18	4	9	Renville County.....		1	
Ingham County.....	35	21	15	Rice County.....	10	15	
Ionia County.....	2	4		Roseau County.....	3	3	
Iosco County.....			2	St. Louis County.....	5	17	
Iron County.....	9	4	1	Sherburne County.....	1		
Isabella County.....	5	3		Sibley County.....		1	
Jackson County.....	11	12	7	Stearns County.....	19	14	
Kalamazoo County.....	22	22	16	Steele County.....	2	2	
Kent County.....	37	18	20	Swift County.....		1	
Lapeer County.....	6	2	4	Wabasha County.....		1	
Leelanau County.....	3	1	3	Washington County.....	1		
Lenawee County.....	5	6	8	Wilkin County.....	1		
Livingston County.....	1	4	1	Winona County.....		2	
Mackinac County.....	3			Wright County.....	2		
Macomb County.....	3	11	8	County not stated.....	473		
Manistee County.....	11	1		Total.....	473	306	287
Marquette County.....	4	2	5				
Mecosta County.....	1			Mississippi.....	90	86	70
Menominee County.....	11	1	6				
Midland County.....	2	1		Missouri:			
Missaukee County.....	2			Andrew County.....	2		1
Monroe County.....	4	2	4	Audrain County.....	5	5	5
Montcalm County.....	1			Barton County.....		1	
Montmorency County.....	25	9		Bates County.....	1		
Muskegon County.....		39	34	Benton County.....	3	5	
Newaygo County.....	6	1		Boone County.....	18	5	
Oakland County.....	35	39	47	Buchanan County.....	9	2	
Oceana County.....	11		2	Butler County.....			
Ogemaw County.....	1			Callaway County.....	3	5	1
Osceola County.....	2	1	1	Camden County.....	2		
Otsego County.....	3	1		Cape Girardeau County.....	1	3	6
Ottawa County.....	10	8	5	Cedar County.....	2	1	
Presque Isle County.....			1	Chariton County.....			3
Saginaw County.....	22	20	5	Christian County.....		1	
St. Clair County.....	7	4	5	Clark County.....	1		
St. Joseph County.....	2	2	1	Clay County.....	1		2
Sanilac County.....	3	3	1	Clinton County.....	1		
Schoolcraft County.....	1			Cole County.....	1	3	
Shiawassee County.....	17	8	4	Cooper County.....			
Tuscola County.....	7	4	2	Davies County.....	1		1
Van Buren County.....	8			De Kalb County.....			
Washtenaw County.....	17	8	7	Dent County.....	2	1	
Wayne County.....	398	269	299	Franklin County.....	5		
Wexford County.....	1	7	21	Gentry County.....	5	2	4
Total.....	961	632	636	Greene County.....	10	6	3
				Grundy County.....		1	1
<b>Minnesota:</b>				Harrison County.....	1	5	2
Aitkin County.....		2	3	Holt County.....			1
Beltrami County.....		6	5	Howard County.....		2	
Blue Earth County.....		1		Howell County.....	1	2	1
Chippewa County.....		1		Iron County.....	1		
Clay County.....		1		Jackson County.....	54	39	26
Cottonwood County.....			9	Jasper County.....	2	2	2
Crow Wing County.....		5	2	Jefferson County.....			1
Dakota County.....		6	6	Johnson County.....	5		
Douglas County.....		11	3	Lafayette County.....		1	1
Faribault County.....		1		Lawrence County.....	1		1
Freeborn County.....		3	1	Lewis County.....		2	
Hennepin County.....		125	74	Livingston County.....	1		2
Hubbard County.....			1	Macon County.....			2
Isanti County.....		1		Madison County.....	1		
Kandiyohi County.....		1	2	Marion County.....		4	1
Koochiching County.....			1	Mississippi County.....	1		
Koochiching County.....			4	Moniteau County.....	1		
Martin County.....			2	Montgomery County.....	3		
Meeker County.....		1	6	New Madrid County.....	1		
Morrison County.....		2	6	Newton County.....	2		
Murray County.....			1	Nodaway County.....	3	2	7
Nicollet County.....							

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## DIPHTHERIA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Missouri—Continued.</b>				<b>Nebraska—Continued.</b>			
Osage County		5	1	Thurston County	5		
Perry County		1		Wayne County	1		
Pettis County		1	2	York County		1	
Phelps County			1				
Platte County	2			<b>Total</b>	<b>136</b>	<b>61</b>	<b>73</b>
Polk County	1	2	2				
Putnam County		1		<b>New Jersey:</b>			
Ralls County		1	5	Atlantic County	15	7	7
Randolph County	3		1	Bergen County	21	8	29
St. Francois County	1	2	6	Burlington County	18	11	15
St. Louis city	168	160	131	Camden County	63	34	54
St. Louis County	12	15	13	Cape May County	1		1
Saline County	5	2	7	Cumberland County		5	3
Schuyler County			1	Essex County	95	65	89
Scotland County		6		Gloucester County	15	7	4
Stone County	1			Hudson County	94	98	109
Sullivan County	7			Hunterdon County	6	2	3
Webster County	2		5	Mercer County	74	46	28
<b>Total</b>	<b>354</b>	<b>291</b>	<b>257</b>	Middlesex County	36	13	7
				Monmouth County	9	4	3
<b>Montana:</b>				Morris County	9	4	6
Beaverhead County		1	1	Passaic County	60	43	27
Big Horn County			5	Salem County	1	1	1
Blaine County		1		Somerset County	7	4	6
Carbon County		1		Sussex County			4
Cascade County		5	7	Union County	76	64	51
Custer County		3		Warren County	7	2	5
Dawson County		1	1	<b>Total</b>	<b>607</b>	<b>422</b>	<b>448</b>
Fallon County		1	1				
Fergus County		1		<b>New Mexico:</b>			
Gallatin County		1		Bernalillo County	9	4	8
Hill County		1		Chaves County	8	2	6
Lake County		4	1	Colfax County	1	1	
Missoula County		6	19	Curry County	1	2	
Park County		5	1	Dona Ana County	1	1	
Roosevelt County			2	Eddy County	2		1
Sheridan County		3		Grant County	1	3	5
Silver Bow County		9	16	Gundalup County	15	13	7
Toole County		1		Harding County			1
Valley County		1		Luna County	1		
Wibaux County		2		McKinley County	1		
Yellowstone County		5	2	Otero County	1	1	
County not stated	29			Quay County	1		
<b>Total</b>	<b>29</b>	<b>52</b>	<b>56</b>	Rio Arriba County	4	7	9
				San Juan County		8	
<b>Nebraska:</b>				San Miguel County	13	20	3
Adams County	1			Santa Fe County	17	3	7
Buffalo County	1	3		Socorro County		2	2
Burt County	4	2	1	Taos County	1	4	
Cass County	7			Torrance County		1	
Cedar County	8	8		Valencia County	3	1	
Cheyenne County	2	2		<b>Total</b>	<b>80</b>	<b>73</b>	<b>49</b>
Colfax County	1	1					
Cuming County			1	<b>New York:</b>			
Dawson County		1		Albany County		57	94
Dodge County			1	Allegany County		1	
Douglas County	23	19	9	Broome County		6	20
Gage County		5	4	Cattaraugus County		1	4
Greeley County	2			Cayuga County		7	9
Harlan County		1		Chautauque County		21	8
Johnson County	1			Chemung County		7	1
Lancaster County	41	9	11	Chenango County		3	1
Lincoln County	26		1	Clinton County			2
Madison County		3	13	Columbia County		1	2
Merrick County		1		Cortland County			2
Nance County			9	Delaware County		3	8
Nemaha County	1	2		Dutchess County		5	4
Platte County	1	2	8	Erie County		91	79
Richardson County	1		1	Essex County		8	1
Rock County			1	Franklin County		5	
Saunders County			1	Fulton County			3
Sarpy County	4			Genesee County		5	4
Scotts Bluff County	2	1	10	Greene County		3	
Sheridan County			2	Herkimer County		9	6
Stanton County	4			Jefferson County		4	5



## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## DIPHTHERIA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>New York—Continued.</b>				<b>North Carolina—Contd.</b>			
Livingston County.....			2	New Hanover County.....	3		1
Madison County.....		2		Northampton County.....			1
Monroe County.....		14	6	Onslow County.....			1
Montgomery County.....		20	11	Orange County.....	2		
Nassau County.....		20	8	Pamlico County.....	1		
New York City.....		875	900	Pasquotank County.....	2		
Niagara County.....		18	16	Perquimans County.....	2		
Oneida County.....		78	10	Person County.....	3		4
Onondaga County.....		48	49	Pitt County.....	6		6
Ontario County.....		7	7	Randolph County.....	2		1
Orange County.....		7	3	Richmond County.....	2		2
Oswego County.....		4	9	Robeson County.....	2		4
Otsego County.....		1	3	Rockingham County.....	5		1
Putnam County.....		1	2	Rowan County.....	2		1
Rensselaer County.....		73	43	Sampson County.....			2
Rockland County.....		2	3	Stanly County.....	2		3
St. Lawrence County.....		2	4	Stokes County.....	1		1
Saratoga County.....		8	13	Surry County.....	10		3
Schenectady County.....		42	25	Union County.....	1		
Schoharie County.....		3		Vance County.....	4		
Seneca County.....		3	4	Wake County.....	4		1
Steuben County.....		3	12	Washington County.....	1		1
Suffolk County.....		5	7	Wayne County.....		5	5
Tompkins County.....		4		Wilkes County.....			1
Ulster County.....		12	5	Wilson County.....	3		3
Washington County.....			1	Yadkin County.....	1		
Wayne County.....		1		County not stated.....	202		
Westchester County.....		31	26	<b>Total.....</b>	<b>202</b>	<b>157</b>	<b>105</b>
Wyoming County.....		1					
Yates County.....		2	6	<b>North Dakota:</b>			
County not stated.....	1,815			Adams County.....		1	1
<b>Total.....</b>	<b>1,815</b>	<b>1,524</b>	<b>1,428</b>	Barnes County.....			1
<b>North Carolina:</b>				Benson County.....		1	1
Alamance County.....		10	6	Burke County.....			1
Alexander County.....		1		Burleigh County.....		2	6
Anson County.....		3		Cass County.....		2	7
Ashe County.....			1	Cavalier County.....		2	
Avery County.....		2		Divide County.....		1	1
Beaufort County.....		2	5	Dunn County.....			1
Buncombe County.....		3	5	Foster County.....			2
Cabarrus County.....		3	4	Grand Forks County.....		3	
Caldwell County.....		2		Grant County.....			4
Caswell County.....		4		Hettinger County.....		3	7
Catawba County.....		1	2	Kidder County.....		1	
Cherokee County.....			1	Logan County.....		1	11
Chowan County.....		4	1	McHenry County.....			12
Clay County.....		1		McIntosh County.....			1
Cleveland County.....		2	2	McKenzie County.....		4	5
Columbus County.....		2		McLean County.....		1	
Cumberland County.....		4	2	Morton County.....		8	2
Davidson County.....		3	5	Mountrail County.....		1	1
Durham County.....		4		Ramsey County.....		1	
Edgecombe County.....		4		Renville County.....		3	
Forsyth County.....		7	2	Sargent County.....		2	
Franklin County.....		1	1	Sheridan County.....			9
Gaston County.....		1	1	Stutsman County.....			3
Granville County.....		2	2	Towner County.....			3
Greene County.....		1	2	Walsh County.....		3	4
Guilford County.....			6	Ward County.....		8	5
Halifax County.....		5	1	Wells County.....			2
Haywood County.....		3		Williams County.....		6	
Henderson County.....		2	1	County not stated.....	64		
Iredell County.....		2		<b>Total.....</b>	<b>64</b>	<b>54</b>	<b>90</b>
Jackson County.....		1					
Johnston County.....		1	3	<b>Ohio:</b>			
Jones County.....			1	Allen County.....		2	3
Lee County.....		1		Ashtabula County.....		4	
Lenoir County.....		2		Ashtabula County.....		2	1
Lincoln County.....		1		Athens County.....		7	18
McDowell County.....		1		Auglaize County.....		3	
Madison County.....		2		Belmont County.....		16	22
Mecklenburg County.....		4	3	Brown County.....		1	1
Montgomery County.....		1		Butler County.....		7	1
Moore County.....			1	Carroll County.....		5	
Nash County.....		1	5	Champaign County.....		1	1

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## DIPHTHERIA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Ohio—Continued.</b>				<b>Oregon—Continued.</b>			
Clark County		9	9	Coos County		1	9
Clermont County		1		Douglas County			3
Clinton County		3		Lane County		2	1
Columbiana County		11	9	Lincoln County		2	
Crawford County			4	Malheur County		2	
Cuyahoga County		134	100	Marion County		18	27
Darke County			3	Multnomah County		66	62
Defiance County			1	Polk County		2	1
Delaware County		1	2	Tillamook County			1
Erie County		2	2	Umatilla County		6	7
Fairfield County		12	2	Union County			1
Fayette County		11	3	Wasco County		1	
Franklin County		33	30	Washington County		1	3
Fulton County		4	7	Yamhill County		1	
Gallia County		2	4	County not stated		138	
Genaga County		5		Total		138	121
Greene County		4	2				
Guernsey County		6	5	<b>Pennsylvania</b>			
Hamilton County		45	52		1,712	1,449	1,280
Hancock County		2	2	<b>Rhode Island:</b>			
Hardin County		1	1	Bristol County		1	2
Harrison County		5	4	Kent County		4	
Henry County		5	7	Newport County		8	4
Highland County		2	1	Providence County		55	43
Hocking County		2	5	Washington County		1	
Huron County			1	County not stated		106	
Jackson County			1	Total		105	49
Jefferson County		6	9	<b>South Carolina:</b>			
Lake County		5	3	Abbeville County			7
Lawrence County		4	2	Anderson County		5	2
Licking County		1	4	Bamberg County		7	
Lorain County		2	3	Barnwell County		8	1
Lucas County		38	29	Calhoun County		1	
Madison County		1	3	Charleston County		2	8
Mahoning County		49	55	Cherokee County			1
Marion County		1		Clarendon County		5	3
Medina County		8	3	Colleton County		1	
Mercer County		8	4	Darlington County		2	3
Miami County		2	2	Dorchester County			3
Montgomery County		44	13	Florence County		1	
Morrow County		1	1	Greenville County		26	12
Muskingum County		5	5	Greenwood County		6	2
Ottawa County		1		Hampton County			2
Paulding County		4	5	Kershaw County		2	
Pickaway County		6	3	Laurens County		5	
Pike County			1	Lexington County		2	8
Portage County		1	1	Newberry County		4	
Putnam County		1	3	Oconee County		5	1
Richland County		6	2	Orangeburg County			9
Ross County		3	5	Pickens County			
Sandusky County		1	2	Richland County		6	5
Scioto County		3	9	Saluda County		2	1
Seneca County			1	Spartanburg County		5	14
Shelby County		1	2	Sumter County		7	2
Stark County		69	62	York County		3	
Summit County		35	48	County not stated		124	
Trumbull County		40	24	Total		124	84
Tuscarawas County		4	2				
Union County		3		<b>South Dakota:</b>			
Vinton County		1		Beadle County		2	1
Warren County		1		Bon Homme County			1
Washington County			3	Brown County		6	7
Wayne County		13	11	Campbell County		1	
Williams County			1	Charles Mix County			1
Wood County		6	4	Davison County			4
County not stated		972		Deuel County		1	
Total		972	628	Edmunds County		2	2
<b>Oklahoma</b>				Fall River County			4
	57	(1)	118	Faulk County		1	3
<b>Oregon:</b>				Gregory County			1
Baker County		2	2	Hamlin County			1
Clackamas County		11	3				
Clatsop County			1				

<sup>1</sup> Report for February not received at time of going to press.

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## DIPHTHERIA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
South Dakota—Continued.				Virginia—Continued.			
Lake County.....		2	1	Newport News (City).....	3		4
Lincoln County.....		2		Norfolk County.....	1		
Lyman County.....		1	1	Norfolk (City).....	8		3
Miner County.....		1	5	Northumberland County.....			
Minnehaha County.....		4	1	ty.....	3		
Pennington County.....		1	1	Nottoway County.....	2		1
Sanborn County.....		4	4	Orange County.....	2		1
Tripp County.....		6	3	Petersburg (City).....	2		
Turner County.....			2	Pittsylvania County.....	5		
Union County.....		1	1	Portsmouth (City).....	2		2
Walworth County.....		1	1	Prince George County.....	1		
County not stated.....	42			Prince William County.....	1		
Total.....	42	35	45	Princess Anne County.....	5		1
Tennessee.....	64	65	39	Pulaski County.....	7		1
Utah:				Richmond (City).....	52		6
Boxelder County.....	2			Roanoke County.....	5		4
Cache County.....	1	1		Roanoke (City).....	4		2
Carbon County.....	4	3		Rockbridge County.....	2		6
Davis County.....	2	3		Rockingham County.....	9		13
Iron County.....		3		Russell County.....			3
Morgan County.....	3			Shenandoah County.....	5		4
Plute County.....		3		Smyth County.....	1		5
Salt Lake County.....	24	15		Southampton County.....	1		1
Sanpete County.....	1	1		Staunton (City).....			3
Uintah County.....		1		Tazewell County.....	5		2
Utah County.....	18	4		Warren County.....			2
Weber County.....	6	2		Washington County.....	6		10
Total.....	61	36	(1)	Wythe County.....	15		17
Vermont.....	36	26	11	York County.....			1
Virginia:				County not stated.....	298		
Accomac County.....		1	1	Total.....	298	219	157
Albemarle County.....				Washington:			
Alexandria (City).....		1	1	Benton County.....			1
Alleghany County.....		1	3	Chelan County.....		1	3
Amelia County.....		1	1	Chatham County.....			1
Appomattox County.....		1		Clarke County.....		1	
Arlington County.....		3	2	Cowlitz County.....		10	12
Augusta County.....			3	Douglas County.....			1
Bath County.....		5		Ferry County.....			1
Bedford County.....		2	2	Franklin County.....		1	
Botetourt County.....		1		Grays Harbor County.....		7	1
Buckingham County.....		1		King County—			
Campbell County.....		2		Seattle.....		40	46
Carroll County.....		1	1	Scatterling.....		25	22
Charlottesville (City).....		1		Lewis County.....			2
Culpepper County.....			1	Lincoln County.....		2	1
Danville (City).....			5	Okanogan County.....			1
Dickenson County.....			1	Pend Oreille County.....			2
Fairfax County.....		8	1	Pierce County—			
Fauquier County.....		1	1	Tacoma.....		13	11
Floyd County.....		3	2	Scatterling.....		6	4
Franklin County.....		9	7	Skagit County.....			1
Giles County.....		13	12	Snohomish County.....		1	2
Gloucester County.....		3		Spokane County—			
Grayson County.....			2	Spokane.....		9	27
Greene County.....			3	Scatterling.....		4	2
Greensville County.....			1	Stevens County.....			3
Halifax County.....			1	Thurston County.....		1	3
Hanover County.....		3		Walla Walla County.....			4
Henry County.....		4		Whatcom County.....		1	
Isle of Wight County.....			3	Whitman County.....		1	
King and Queen County.....			1	Yakima County.....		2	1
Lunenburg County.....		1		County not stated.....		143	
Lynchburg (City).....			2	Total.....		143	136
Mathews County.....		2		West Virginia:			
Mecklenburg County.....		2	2	Barbour County.....		2	2
Montgomery County.....		2		Berkeley County.....		2	
Nansemond County.....			2	Bruxton County.....		4	3
Nelson County.....		1		Brooke County.....		3	3
				Cabell County.....		3	1
				Clay County.....		1	

1 Report for month of March not received at time of going to press.

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## DIPHTHERIA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>West Virginia—Continued.</b>				<b>Wisconsin—Continued.</b>			
Fayette County	2		1	Fond du Lac County		8	3
Gilmer County	1	2		Green County		2	
Greenbrier County	1			Jackson County		8	1
Hampshire County	1			Jefferson County			1
Hancock County	4	6	1	Kenosha County		9	3
Hardy County		2		Kewaunee County			1
Harrison County	10	8	15	La Crosse County		1	
Jackson County	2	4	1	Langlade County		4	
Jefferson County	5	1	1	Lincoln County			1
Kanawha County	11	3	7	Manitowoc County		13	6
Lewis County	1	2	1	Marathon County		7	5
Logan County		1		Marinette County		3	1
McDowell County		2		Marquette County			1
Marion County	6	9	15	Milwaukee County		61	96
Marshall County	4	4	1	Monroe County		1	
Mercer County	5	5	8	Oconto County		3	2
Mineral County	5	12	3	Oneida County			1
Mingo County			2	Outagamie County		9	3
Monongalia County	3	6	5	Portage County		4	2
Monroe County			1	Price County		2	4
Morgan County	1			Racine County		20	15
Nicholas County		10		Rock County		5	14
Ohio County	25	2	8	Rusk County		1	
Preston County	8	8	7	Saint Croix County			5
Raleigh County	5	2		Sawyer County		1	1
Randolph County	2	1	2	Shawano County		3	8
Roane County	6			Sheboygan County		21	27
Summers County	1	2	4	Taylor County		2	1
Taylor County	8	4	11	Vernon County		2	1
Tyler County	4		1	Walworth County			1
Upshur County			1	Washburn County		1	
Wayne County	1			Washington County			1
Webster County		1		Waukesha County		3	4
Wirt County	3			Waupaca County		2	6
Wood County	2	1	2	Waushara County			1
Wyoming County		1		Winnebago County		4	6
Total	141	112	106	Wood County			2
<b>Wisconsin:</b>				County not stated	367		
Adams County			4	Total	367	260	286
Ashland County			3	<b>Wyoming:</b>			
Barren County		2		Albany County		1	
Barry County		8		Converse County			1
Brown County		17	9	Laramie County		1	
Calumet County		1	4	Lincoln County			1
Chippewa County		3	3	Natrona County		2	
Columbia County		4	1	Platte County			1
Dane County			16	Sheridan County			2
Dodge County		7	16	Uinta County		2	
Door County		5	2	County not stated	11		
Douglas County			2	Total	11	7	5
Dunn County		3		<b>INFLUENZA.</b>			
Eau Claire County		3	2	<b>Alabama:</b>			
<b>Wisconsin:</b>				Autauga County	7		6
Adams County			4	Baldwin County	22	34	29
Ashland County			3	Barbour County			15
Barren County		2		Bibb County	3	5	
Barry County		8		Bullock County		3	2
Brown County		17	9	Butler County	2		
Calumet County		1	4	Calhoun County	8	8	13
Chippewa County		3	3	Chambers County		17	
Columbia County		4	1	Cherokee County	3	3	
Dane County			16	Chilton County			2
Dodge County		7	16	Choctaw County			2
Door County		5	2	Clarke County	4	5	
Douglas County			2	Cleburne County		1	
Dunn County		3		Coffee County	2	1	
Eau Claire County		3	2	Colbert County	6	9	8
<b>Wisconsin:</b>				<b>Alabama—Continued.</b>			
Adams County			4	Conecuh County	3	3	
Ashland County			3	Coosa County		9	1
Barren County		2		Covington County	8	3	4
Barry County		8		Crenshaw County	22	13	11
Brown County		17	9	Cullman County	3	6	2
Calumet County		1	4	Dale County			6
Chippewa County		3	3	Dallas County	3	5	4
Columbia County		4	1	Dekalb County	1		
Dane County			16	Elmore County	5	2	
Dodge County		7	16	Escambia County	25	16	5
Door County		5	2	Etowah County	17	51	18
Douglas County			2	Fayette County	1		8
Dunn County		3		Franklin County	8	1	4
Eau Claire County		3	2	Geneva County	2	7	4
<b>Wisconsin:</b>				Hale County	5	14	11
Adams County			4				
Ashland County			3				
Barren County		2					
Barry County		8					
Brown County		17	9				
Calumet County		1	4				
Chippewa County		3	3				
Columbia County		4	1				
Dane County			16				
Dodge County		7	16				
Door County		5	2				
Douglas County			2				
Dunn County		3					
Eau Claire County		3	2				

## INFLUENZA.

<b>Alabama:</b>				<b>Alabama—Continued.</b>			
Autauga County	7		6	Conecuh County	3	3	
Baldwin County	22	34	29	Coosa County		9	1
Barbour County			15	Covington County	8	3	4
Bibb County	3	5		Crenshaw County	22	13	11
Bullock County		3	2	Cullman County	3	6	2
Butler County	2			Dale County			6
Calhoun County	8	8	13	Dallas County	3	5	4
Chambers County		17		Dekalb County	1		
Cherokee County	3	3		Elmore County	5	2	
Chilton County			2	Escambia County	25	16	5
Choctaw County			2	Etowah County	17	51	18
Clarke County	4	5		Fayette County	1		8
Cleburne County		1		Franklin County	8	1	4
Coffee County	2	1		Geneva County	2	7	4
Colbert County	6	9	8	Hale County	5	14	11

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## INFLUENZA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Alabama—Continued.</b>				<b>Arkansas—Continued.</b>			
Henry County.....			5	Saline County.....	20	22	1
Houston County.....	12	5	9	Scott County.....	40	34	24
Jackson County.....	14	8	17	Sebastian County.....	44	122	37
Jefferson County.....	121	86	69	Sharp County.....	43	39	20
Lamar County.....		3	1	Union County.....	12	1	8
Lauderdale County.....	3	10	22	Van Buren County.....	25		3
Lawrence County.....	31	15	17	Washington County.....	57	76	9
Lee County.....	5		1	White County.....	8		
Limestone County.....	6	4	5	Woodruff County.....	10	15	48
Lowndes County.....			1	Yell County.....	4		15
Madison County.....	3	4	24				
Marengo County.....	2	14	2	<b>Total.....</b>	<b>871</b>	<b>933</b>	<b>609</b>
Marion County.....			1	<b>California:</b>			
Marshall County.....		2	3	Alameda County.....	14	7	7
Mobile County.....	16	9	4	Amador County.....		1	
Monroe County.....		6	25	Butte County.....	1	6	1
Montgomery County.....	7	9	9	Calaveras County.....	2		25
Morgan County.....	20	10	17	Contra Costa County.....	4		1
Perry County.....	10	7	15	Fresno County.....	1	4	1
Pickens County.....	15	2	3	Kern County.....	1		1
Pike County.....	6	12	5	Kings County.....			11
Randolph County.....	1	2	3	Lassen County.....	1		6
Saint Clair County.....	5		2	Los Angeles County.....	110	50	43
Shelby County.....	3	3	18	Marin County.....	1		4
Sumter County.....	2	2	10	Mariposa County.....	3	7	
Talladega County.....	7	43	8	Merced County.....	11	1	3
Tallapoosa County.....	13	15	4	Modoc County.....		2	1
Tuscaloosa County.....	10	34	8	Monterey County.....	6	5	
Walker County.....	44	58	83	Napa County.....		1	
Washington County.....	2	8	16	Nevada County.....	1		
Wilcox County.....	1		1	Orange County.....	5	1	3
Winston County.....	7	6	11	Placer County.....		1	
<b>Total.....</b>	<b>526</b>	<b>593</b>	<b>574</b>	Riverside County.....		4	1
<b>Arizona:</b>				San Bernardino County.....	2	1	
Yuma County.....			19	San Diego County.....	2	4	3
<b>Arkansas:</b>				San Francisco County.....	26	40	17
Ashley County.....	64	66	19	San Joaquin County.....	9	11	8
Baxter County.....	18	33	25	Santa Barbara County.....	2		
Benton County.....	9	20	2	Santa Clara County.....	1	9	2
Calhoun County.....	101	20	10	Shasta County.....		3	1
Carroll County.....	27	33	25	Siskiyou County.....	4	1	
Chicot County.....	4			Solano County.....		6	
Clark County.....	4			Sonoma County.....	3	3	1
Clay County.....	1			Stanislaus County.....	5	1	
Cleburne County.....	1			Sutter County.....		2	
Cleveland County.....	2	6	13	Tehama County.....	2		12
Craighead County.....	1	16	6	Tulare County.....	7	1	
Crawford County.....	4	4	5	Ventura County.....	1		
Drew County.....	65	47	30	Yolo County.....	3	1	
Faulkner County.....	7		16	<b>Total.....</b>	<b>225</b>	<b>173</b>	<b>152</b>
Franklin County.....	2			<b>Colorado:</b>			
Garland County.....			1	Boulder County.....			1
Grant County.....	28	56	76	Chaffee County.....		3	
Greene County.....			2	Denver County.....		1	
Hempstead County.....	10	57	23	El Paso County.....	1		
Hot Spring County.....	47	111	28	Fremont County.....	1		
Howard County.....		6	12	Weld County.....		3	2
Independence County.....	24	6	15	Yuma County.....		2	
Izard County.....	6	3		<b>Total.....</b>	<b>2</b>	<b>9</b>	<b>3</b>
Lafayette County.....	3	12	11	<b>Connecticut:</b>			
Lawrence County.....	8	6	1	Fairfield County.....	6	3	5
Lee County.....	47	27	36	Hartford County.....	13	25	19
Lonoke County.....	4		22	Litchfield County.....		4	2
Madison County.....		1		Middlesex County.....			3
Monroe County.....			9	New Haven County.....	11	8	15
Montgomery County.....	6	6		New London County.....		1	1
Ouachita County.....	43	30	29	Tolland County.....			3
Perry County.....	22	14	7	Windham County.....	4	2	1
Phillips County.....		5		<b>Total.....</b>	<b>34</b>	<b>43</b>	<b>49</b>
Poinsett County.....	7	3					
Pulaski County.....	7	5	3				
Randolph County.....	19	19	12				
Saint Francis County.....	17	12	6				



## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## INFLUENZA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
Delaware:				Idaho:			
Kent County.....		1		Owyhee County.....			13
New Castle County.....	6	13	1				
Sussex County.....	3	3	1	Illinois:			
Total.....	9	17	2	Boone County.....	1		
District of Columbia.....	2	10	16	Champaign County.....	1		1
Florida:				Clay County.....			3
Alachua County.....			1	Coles County.....	3	1	
Bay County.....	3		6	Cook County.....	72	118	165
Bradford County.....			2	Crawford County.....	4		
Brevard County.....		2		De Witt County.....			1
Columbia County.....		2	6	Douglas County.....			11
Dade County.....		3	1	Du Page County.....			6
Duval County.....		3	2	Edgar County.....	1	5	17
Escambia County.....			6	Fayette County.....	2		
Gadsden County.....	1		6	Greene County.....			1
Hillsborough County.....		4		Hamilton County.....	1		
Jackson County.....			1	Hancock County.....	1	1	6
Lake County.....			1	Henderson County.....			1
Manatee County.....			1	Iroquois County.....	1	3	
Pinellas County.....			1	Jackson County.....	1		
Polk County.....			1	Jasper County.....	1		
Putnam County.....	9	5	1	Jo Daviess County.....			1
Seminole County.....	14	11	3	Johnson County.....			1
Suwannee County.....			1	Kane County.....			4
Walton County.....			1	Kankakee County.....			2
Total.....	27	29	41	La Salle County.....	2		
Georgia:				Livingston County.....		9	4
Banks County.....	2			McDonough County.....	1	4	
Barrow County.....	1			Macon County.....	1	2	1
Bartow County.....	5	13		Macoupin County.....		7	1
Bibb County.....		50		Madison County.....			2
Burke County.....		6	6	Marion County.....			1
Charlton County.....	9	3	22	Mason County.....			2
Chatham County.....	15	29	13	Menard County.....			1
Chattahoochee County.....	110	110	54	Morgan County.....		4	4
Clarke County.....	1	3	5	Pope County.....		1	
Colquitt County.....	2	2		St. Clair County.....			1
Columbia County.....	1	1	2	Saline County.....			1
Coweta County.....			2	Sangamon County.....	5	4	2
Decatur County.....	3	12	13	Stephenson County.....			1
De Kalb County.....	1	22	23	Tazewell County.....	2		
Early County.....	9	7	16	Whiteside County.....	1		
Emanuel County.....		1		Will County.....			2
Floyd County.....		2	3	Williamson County.....		4	1
Fulton County.....	10	23	17	Winnebago County.....	3		
Glynn County.....		1		Woodford County.....		3	
Gordon County.....		2		Total.....	104	166	244
Gwinnett County.....		6	5	Indiana:			
Hart County.....			13	Adams County.....		13	
Laurens County.....			3	Allen County.....			5
Lowndes County.....	4	3	4	Brown County.....	1	4	2
Morgan County.....		2		Carroll County.....		4	1
Muscogee County.....	4			Clark County.....	21	12	35
Oglethorpe County.....			3	Clay County.....	12	7	5
Polk County.....	1			Crawford County.....	3	1	8
Richmond County.....			6	Decatur County.....			10
Talbott County.....			1	Dearborn County.....			1
Walker County.....	1		1	Dekalb County.....	1		
Wilcox County.....		5		Delaware County.....			12
Worth County.....		4	12	Elkhart County.....	1	1	1
Total.....	177	302	229	Floyd County.....			2
Hawaii:				Grant County.....		2	
Hawaii.....	4	2	3	Hancock County.....		1	
Kauai.....	65	112		Harrison County.....	4		
Maul.....		1	2	Henry County.....	6		4
Oahu.....	22	32	16	Howard County.....	8		3
Total.....	91	147	21	Jackson County.....		5	2
				Knox County.....	7		
				Lagrange County.....			1
				Lawrence County.....	3		
				Madison County.....			2
				Marion County.....		8	
				Marshall County.....		2	2
				Martin County.....	40	1	8

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## INFLUENZA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Indiana—Continued.</b>				<b>Louisiana—Continued.</b>			
Morgan County			7	Vernon Parish	1		
Parke County	2			Washington Parish	3	26	6
Pulaski County	6		8	Webster Parish		4	
Starke County			10	<b>Total</b>	205	313	146
Steuben County			2	<b>Maine:</b>			
Switzerland County	7		3	Androscoggin County		7	2
Vanderburgh County	1			Aroostook County	9		10
Warrick County	4			Cumberland County	8	2	19
Washington County	7	2		Oxford County	1		
Wayne County		1	1	Penobscot County		9	1
White County	18			Somerset County		3	3
<b>Total</b>	153	64	135	Waldo County		6	9
<b>Kansas:</b>				York County			10
Allen County	1			<b>Total</b>	18	27	54
Athens County		2		<b>Maryland:</b>			
Butler County			2	Allegany County	12	4	8
Cherokee County	4			Anne Arundel County	1	3	3
Coffey County		1		Baltimore City	121	138	125
Crawford County	1		3	Baltimore County	5	7	6
Doniphan County			2	Calvert County	11	1	7
Douglas County		1	2	Caroline County	7	14	3
Ford County			12	Carroll County	7	5	5
Greenwood County	2			Cecil County	10	5	4
Hamilton County	2			Charles County	7	14	39
Harper County		1		Dorchester County	7	8	6
Jefferson County	1			Frederick County	2	16	4
Jewell County		4	1	Garrett County		3	
Lafayette County	1			Harford County	13	56	62
Linn County	1	2	1	Howard County		1	
Marion County			2	Montgomery County	1	7	19
Neosho County	8			Prince Georges County	23	45	7
Osborn County			1	Queen Annes County	6		1
Phillips County			1	Somerset County	4	2	12
Pratt County	3	1	2	Talbot County	22	13	11
Sedgwick County			1	Washington County	1	6	16
Shawnee County		2		Wicomico County		8	7
Sheridan County		4	7	Worcester County		15	21
Sherman County		1		<b>Total</b>	260	371	366
Smith County			3	<b>Massachusetts:</b>			
Stafford County		1	1	Berkshire County	4	1	
Sumner County	9	3	1	Bristol County	4	6	7
Thomas County	1	3	1	Essex County	1	1	1
Washington County	1			Franklin County			2
Woodson County		1		Hampden County	2	2	4
<b>Total</b>	36	27	43	Hampshire County	2		
<b>Louisiana:</b>				Middlesex County	21	6	10
Acadia Parish		1		Norfolk County		3	3
Allen Parish	65	28		Plymouth County	1	1	1
Assumption Parish		4		Suffolk County	11	14	19
Avoyelles Parish		1		Worcester County	1	6	5
Bienville Parish	13	2		<b>Total</b>	47	40	52
Caddo Parish	1	1		<b>Michigan:</b>			
Calcasieu Parish	4	11	5	Genesee County			1
Caldwell Parish	1			Ingham County	2	2	1
De Soto Parish	13	21	12	Ionia County	2		
East Baton Rouge Parish				Jackson County		2	1
East Feliciana Parish	9	1		Kalamazoo County		2	
Franklin Parish	6	3	2	Kent County		1	1
Iberville Parish	40	30	40	Lenawee County		1	
Jefferson Davis Parish	1	2	3	Mecosta County	4		
Lafayette Parish	16	1	2	Montcalm County			1
La Fourche Parish		1		Newaygo County		2	
Natchitoches Parish	1	5	3	Oakland County		1	1
Orleans Parish	27	34	29	Oceana County			
Rapides Parish	2	4	1	St. Clair County	1		
St. Helena Parish		1		Washtenaw County			2
St. John the Baptist Parish			1	Wayne County	10	6	6
St. Landry Parish	2		14	<b>Total</b>	19	17	15
St. Mary Parish		114	23				
Tensas Parish			1				
Terrebonne Parish		2					
Union Parish		15					

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## INFLUENZA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Minnesota:</b>				<b>Mississippi—Continued.</b>			
Beltrami County	1			Sunflower County	185	250	245
Faribault County	1	1		Tallahatchie County	23	52	22
Freeborn County	1			Tate County	56	47	44
Grant County			1	Tishomingo County	89		37
McLeod County	1			Tunica County	32	56	92
Marshall County			1	Union County	11		
Olmsted County		1		Waltham County	15	25	50
Ottertail County	2			Warren County	20	5	10
Pennington County			1	Washington County	9	46	33
Rice County		1		Wayne County	30	10	50
Stearns County	1	1		Webster County	14	1	10
Todd County		1		Wilkinson County	5	16	8
Watsonwan County	1	1	1	Winston County		13	20
Total	8	6	4	Yalobusha County	47	16	26
<b>Mississippi:</b>				Yazoo County	65	110	78
Adams County	2	15	3	Total	2,819	3,408	2,979
Alcorn County	91	98	84	<b>Missouri:</b>			
Amite County	43	63	67	Barry County	2		
Attala County	16	18	14	Barton County	8	22	63
Benton County			1	Benton County	5	2	
Bolivar County	135	261	136	Boone County		1	
Calhoun County		22	20	Caldwell County		2	1
Carroll County	84	61	99	Cape Girardeau County	1		
Chickasaw County	60	122	75	Clay County	6	1	1
Choctaw County	5	16	4	Clinton County	5		
Claiborne County		10		Cole County			1
Clay County	79	53	20	Dent County	20	12	
Coahoma County	113	136	112	Douglas County		3	
Copiah County	42	108	65	Franklin County	3	7	1
Covington County	18	20	29	Greene County		5	
De Soto County	70	72	70	Henry County		4	
Forrest County	16	37	49	Howard County		3	5
Franklin County	5	61	5	Jackson County	10	10	
George County	38	10		Johnson County		3	
Greene County	90	66	57	Macon County			1
Grenada County	10		16	Madison County		1	
Harrison County	53	67	36	Miller County		2	
Hinds County			3	Oregon County	2		
Issaquena County	103	57	193	Perry County		20	
Itawamba County	12	12	16	Phelps County			2
Jackson County	16	18	9	Polk County			1
Jasper County	23	45	37	Reynolds County		3	5
Jefferson County	12	16		St. Louis City	2	1	1
Jefferson Davis County	25	62	12	Scott County		2	
Jones County	227	46	35	Shannon County	8	1	
Kemper County		4		Stoddard County	11		1
Lafayette County	134	70	84	Stone County	6	2	
Lamar County	35	4		Texas County			3
Lauderdale County		65		Taney County	3		
Lawrence County	26	63	36	Worth County	10	10	15
Leake County	28	19	32	Total	102	117	101
Lee County	135	189	195	<b>Montana:</b>			
Leflore County	36	57	101	Big Horn County		1	
Lincoln County		22		Carbon County			2
Lowndes County	9	86	23	Fergus County		1	
Madison County	26	25	56	Flathead County		2	1
Marion County	25	37	22	Glacier County		1	
Marshall County	40	41	100	Hill County		1	
Monroe County		13		Lewis and Clark County			
Montgomery County	40	65	50			1	
Newton County	28	14	32	Roosevelt County			1
Noxubee County	13	5	2	Silver Bow County		1	3
Oktibbeha County	9	28	14	Teton County		1	
Panola County	2	6	41	Place not stated	11		
Pearl River County	78	54	25	Total	11	9	7
Perry County	35			<b>Nebraska:</b>			
Pike County	32	125	56	Gage County			1
Pontotoc County		28	8	Lincoln County			5
Prentiss County	26	40	20	Otoe County	5		
Quitman County	20	20	20	Total	5		6
Rankin County	4	6					
Scott County	4	10	6				
Sharkey County	39	84	46				
Simpson County	6						

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## INFLUENZA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>New Jersey:</b>				<b>New York—Continued.</b>			
Atlantic County.....			7	Schuyler County.....	11	3	8
Bergen County.....	7	10	6	Seneca County.....		1	
Burlington County.....	2	12	7	Steuben County.....		1	
Camden County.....			1	Suffolk County—			
Cape May County.....			1	Islip.....	31		
Cumberland County.....	1	1	6	Scatterng.....		42	26
Essex County.....	94	83	59	Sullivan County.....	1	1	
Hudson County.....	7	10	30	Tioga County.....	1	1	1
Mercer County.....	4	2	3	Tompkins County.....	3		
Middlesex County.....	5	1	1	Ulster County.....	5	3	4
Monmouth County.....	2	1	3	Washington County.....			1
Morris County.....	5	1	4	Wayne County.....	9	17	34
Ocean County.....	1			Westchester County.....	5	3	2
Passaic County.....		2	2				
Salem County.....		1		Total.....	436	634	596
Somerset County.....	1						
Union County.....	1	2		<b>North Dakota:</b>			
Total.....	130	126	130	Barnes County.....	2		
<b>New Mexico:</b>				Benson County.....	1		
Bernalillo County.....	1	1		Foster County.....			7
Colfax County.....		1	1	Griggs County.....	1	4	8
Curry County.....	2			Hettinger County.....		1	
Dona Ana County.....	2		13	Total.....	4	5	15
Grant County.....	1	1					
Harding County.....	1		3	<b>Ohio:</b>			
Lincoln County.....			1	Allen County.....			1
Luna County.....	2	1		Ashland County.....			1
McKinley County.....			11	Ashtabula County.....	4	1	
Otero County.....		3		Belmont County.....			3
Roosevelt County.....	1			Brown County.....		9	
Santa Fe County.....	1		4	Butler County.....	2	2	1
Sierra County.....			1	Carroll County.....		1	1
Total.....	9	7	34	Clermont County.....			4
<b>New York:</b>				Clinton County.....	1		
Albany County.....	9	10	11	Coshocton County.....			2
Allegany County.....		2	7	Cuyahoga County.....	33	28	39
Broome County—				Franklin County.....		1	14
Binghamton.....	11			Gallia County.....	1		
Scatterng.....	1	14	7	Guernsey County.....		1	
Cattaraugus County.....	4	1	2	Hamilton County.....	4	3	11
Cayuga County.....	2	5		Hancock County.....	1		
Chautauqua County.....	1	33	13	Knox County.....		1	
Chemung County.....	5	1		Lawrence County.....	3	2	
Columbia County.....	7	18	5	Licking County.....		1	1
Cortland County.....			2	Lorain County.....			1
Delaware County.....	4	4	1	Medina County.....	1	16	4
Dutchess County—				Morgan County.....		2	1
Hyde Park.....	13			Ottawa County.....			4
Scatterng.....	14	35	28	Portage County.....			1
Erie County.....	3	7	3	Sandusky County.....		1	
Essex County.....	1			Scioto County.....	1		
Genesee County.....		1		Seneca County.....		1	
Greene County.....		4		Stark County.....	8	5	
Herkimer County.....			11	Summit County.....		1	4
Livingston County.....			1	Wayne County.....		2	1
Madison County.....		2		Total.....	50	78	94
Monroe County.....	1	1					
Montgomery County.....	7	9	17	<b>Oklahoma.....</b>			
Nassau County.....	2	4	3		121	(1)	
New York City.....	258	360	362	<b>Oregon:</b>			
Niagara County.....	2	8	5	Clatsop County.....	1		
Oneida County.....	2	5	3	Douglas County.....	1		
Onondaga County.....		2		Hood River County.....	1		
Ontario County.....	2	3		Lane County.....		4	5
Orange County.....	8	6	2	Malheur County.....	3		
Otsego County.....		4	19	Marion County.....		1	1
Putnam County.....	1			Polk County.....			7
Rensselaer County.....	3	2		Tillamook County.....	3		
Rockland County.....	9	18	10	Total.....	9	5	13
Saint Lawrence County.....		2	4				
Saratoga County.....			2	<b>Rhode Island:</b>			
Schenectady County.....		1	2	Providence County.....	2	1	2

<sup>1</sup> Report for February not received at time of going to press.

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## INFLUENZA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
South Carolina:				Virginia—Continued.			
Anderson County.....	1		4	Frederick County.....	35	129	58
Barnwell County.....	26	22	3	Giles County.....	118	75	74
Chester County.....	29		5	Gloucester County.....	3	16	3
Darlington County.....	11	46	23	Goochland County.....	6	4	3
Pickens County.....		13		Grayson County.....	64	179	9
Spartanburg County.....	2	1	5	Greene County.....		4	4
Union County.....	6	6		Greensville County.....	23	33	46
York County.....	24			Halifax County.....	139	82	46
Total.....	99	88	40	Hanover County.....	60	73	69
South Dakota:				Henrico County.....	91	72	29
Day County.....		6		Henry County.....	34	79	119
Grant County.....	1		3	Highland County.....	20		80
Kingsbury County.....				Isle of Wight County.....		12	15
Lake County.....	32	2	3	James City County.....	2		4
Total.....	33	9	6	King and Queen County.....	50	25	42
Tennessee.....				King George County.....	10	16	22
454	1,009	520		King William County.....	2	17	32
Utah:				Lancaster County.....	6	20	10
Beaver County.....		35		Lee County.....	36	35	17
Cache County.....	6	28		Loudoun County.....			65
Carbon County.....	100	95		Louisa County.....	21	7	
Davis County.....	11	13		Lunenburg County.....	76	137	50
Duchesne County.....	6	6		Madison County.....	51	83	35
Emery County.....	40	15		Mathews County.....	4		
Garfield County.....	120			Mecklenburg County.....	38	132	20
Iron County.....		150		Middlesex County.....	14	19	33
Juab County.....		10		Montgomery County.....	70	36	137
Kane County.....	3	29		Nelson County.....	31	75	52
Millard County.....	10			New Kent County.....	6		
Piute County.....	30	75		Northampton County.....	100	101	60
Sevier County.....	160	25		Northumberland County.....	3	2	4
Tooele County.....		40		Nottoway County.....	53	91	89
Utah County.....		1		Orange County.....	16	21	23
Wasatch County.....		6		Page County.....	44	9	20
Washington County.....	9	6		Patrick County.....	24	1	
Total.....	495	534	(1)	Pittsylvania County.....	127	115	190
Virginia:				Powhatan County.....	30	36	28
Alleghany County.....	22	55	6	Prince Edward County.....	39	18	35
Amelia County.....	26	8	38	Prince George County.....		6	1
Amherst County.....		10	1	Prince William County.....	63	82	30
Appomattox County.....		50		Princess Anne County.....	14	44	41
Augusta County.....	43	57	29	Pulaski County.....	25	37	14
Bath County.....			11	Rappahannock County.....	21	18	5
Bedford County.....	46	38	54	Richmond County.....		2	57
Bland County.....	15	15	75	Richmond (city).....			2
Botetourt County.....		11	17	Roanoke County.....	20	43	233
Brunswick County.....	17	17	34	Roanoke (city).....		2	
Buchanan County.....	5	4		Rockbridge County.....	46	113	127
Buckingham County.....	32	14		Rockingham County.....	211	189	94
Campbell County.....	74	137	104	Russell County.....	57	90	53
Carroll County.....	4		3	Scott County.....	132	93	83
Carroll County.....	9	53	27	Shenandoah County.....	38	93	60
Charles (city).....		3	3	Smyth County.....	65	78	55
Charlotte County.....	10	8	23	Southampton County.....	139	126	81
Chesterfield County.....		12	3	Spotsylvania County.....		2	25
Clarke County.....	43	130	20	Stafford County.....	3	11	8
Craig County.....	4	3	3	Surry County.....	6	5	4
Culpeper County.....	102	148	44	Sussex County.....	8	21	11
Cumberland County.....	20	33	11	Tazewell County.....	49	121	227
Dickenson County.....	3		30	Warren County.....	13	25	20
Dinwiddie County.....	9	1	18	Warwick County.....	25		
Elizabeth City County.....	12			Washington County.....	137	120	111
Essex County.....		9		Westmoreland County.....	30	105	100
Fauquier County.....	138	158	126	Wythe County.....	49	55	106
Floyd County.....	42	32	16	York County.....	9	15	25
Fluvanna County.....	41	5	4	Total.....	3,369	4,283	3,833
Franklin County.....	41	12	27	West Virginia:			
				Boone County.....			4
				Braxton County.....		2	
				Brooke County.....		1	
				Doddridge County.....		1	



## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## INFLUENZA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
West Virginia—Continued.				Wisconsin—Continued.			
Grant County.....	5		3	Iron County.....			3
Harrison County.....	4	5	10	Jackson County.....	7		1
Jackson County.....	5	16	15	Kenosha County.....		1	7
Jefferson County.....			2	Lincoln County.....			2
Kanawha County.....	14	8	3	Marquette County.....		1	
Marion County.....	3	4	93	Milwaukee County.....	4	2	1
Marshall County.....			6	Monroe County.....	15		
Mercer County.....	24	79	108	Oconto County.....	1		
Mineral County.....	4	24	10	Pepin County.....	10		
Monroe County.....	9	43	14	Pierce County.....	3		
Morgan County.....	9	1		Polk County.....		10	
Nicholas County.....		13	14	Portage County.....			10
Raleigh County.....			54	Price County.....	3		
Randolph County.....	5	4	4	Racine County.....		3	
Roane County.....			10	Rock County.....	1	1	
Summers County.....	14	5	3	Rusk County.....		4	9
Tucker County.....	3			Sauk County.....	2		
Upshur County.....	9	10	21	Sawyer County.....			1
Wayne County.....	2			Shawano County.....	10	5	5
Webster County.....		2		Sheboygan County.....	3		
Wirt County.....	15	7	14	Taylor County.....		2	2
Wyoming County.....	48	66	2	Trempealeau County.....	3		
Total.....	173	291	401	Vernon County.....	18	7	20
Wisconsin:				Vilas County.....			6
Adams County.....		6		Walworth County.....	4	3	
Barron County.....		17	1	Washburn County.....	2		1
Burnett County.....	3			Waukesha County.....	3		
Chippewa County.....		3	3	Waupaca County.....	1		
Clark County.....		7	5	Wausara County.....	1		
Columbia County.....	1			Wood County.....			4
Crawford County.....	1	2	15	Total.....	115	110	165
Dane County.....	1	5	4	Wyoming:			
Dunn County.....	2			Goshen County.....			1
Eau Claire County.....	1	9	5	Johnson County.....			1
Fond du Lac County.....			11	Sweetwater County.....			3
Grant County.....	12	18	38	Total.....			5
Green County.....	3	4	11				

## LEPROSY.

California:				Hawaii—Continued.			
Los Angeles.....		1	1	Maul.....	1	3	3
San Diego.....			1	Oahu.....	4	2	6
San Francisco.....			1	Total.....	6	8	11
Stockton.....			1	Illinois:			
Total.....		1	4	Cook County.....			1
Florida:				Kansas:			
Key West.....			1	Kansas City.....		1	
Georgia:				Louisiana:			
	2			New Orleans.....			4
Hawaii:				Oregon:			
Hawaii.....	1	1	2				1
Kauai.....		2					

## LETHARGIC ENCEPHALITIS.

Alabama:				California—Continued.			
Jefferson County.....			1	Los Angeles County.....	3	4	3
Madison County.....			1	Mendocino County.....	1		
Morgan County.....		1		San Diego County.....	1		
Total.....		1	2	San Francisco County.....	5	4	3
California:				San Joaquin County.....	3	2	
Alameda County.....	3	2	1	Sonoma County.....	1		
Fresno County.....	1			Tulare County.....	1		
Inyo County.....	3			Total.....	22	12	7

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## LETHARGIC ENCEPHALITIS—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
Colorado:				Michigan—Continued.			
Logan County.....			1	Wayne County.....	5	6	
Connecticut:				Total.....	5	6	2
Fairfield County.....		2	3	Minnesota:			
Hartford County.....			2	Stearns County.....		1	
New London County.....			1	County not stated.....	3		
County not stated.....	4			Total.....	3	1	
Total.....	4	2	6	Montana:			
District of Columbia.....		3	2	Cascade County.....		1	
Illinois:				Missoula County.....		1	
Cook County.....	4		5	Silver Bow County.....			1
Fulton County.....			1	County not stated.....	1		
Macoupin County.....			1	Total.....	1	2	1
Morgan County.....			1	New Mexico:			
Saline County.....		1		Bernalillo County.....			3
Total.....	4	1	8	New York:			
Kansas:				Broome County.....			1
Doniphan County.....		1		Cayuga County.....		3	
Wyandotte County.....		1	1	Columbia County.....		1	
Total.....		2	1	New York City.....		24	51
Louisiana:				Ulster County.....			1
Orleans Parish.....			1	Westchester County.....		1	3
Maryland:				Place not stated.....	39		
Baltimore City.....	2	4	7	Total.....	39	29	56
Carroll County.....		1	1	Ohio.....	2	10	10
Total.....	2	5	8	Oregon:			
Massachusetts:				Lane County.....		1	
Berkshire County.....			1	Multnomah County.....		6	
Bristol County.....			1	Total.....		7	
Essex County.....		1		Pennsylvania.....	3	6	6
Hampden County.....			1	Rhode Island:			
Middlesex County.....		1		Providence County.....			1
Norfolk County.....			1	Wisconsin:			
Suffolk County.....		2	3	Dane County.....		1	
Worcester County.....		1	1	Maritowoc County.....			1
County not stated.....	11			Milwaukee County.....		3	1
Total.....	11	5	8	Waukesha County.....			1
Michigan:				Total.....		4	3
Houghton County.....			1				
Kent County.....			1				

## MALARIA.

Alabama:				Alabama—Continued.			
Baldwin County.....			1	Jefferson County.....	5	6	2
Calhoun County.....		1		Lauderdale County.....		1	2
Choctaw County.....		2	7	Lawrence County.....	5	3	6
Clarke County.....	4	5	7	Lee County.....		1	
Clay County.....			1	Limestone County.....	1		1
Colbert County.....	16	1	1	Lowndes County.....	1	1	
Covington County.....		1		Madison County.....	1	17	
Dale County.....		1	2	Marengo County.....	3		3
Dallas County.....	2			Marion County.....	2		
Elmore County.....		2		Marshall County.....			7
Etowah County.....		1		Mobile County.....	6		1
Fayette County.....			2	Monroe County.....	1		
Franklin County.....	2	2	9	Morgan County.....	12	4	2
Geneva County.....		1	1	Perry County.....	1		
Hale County.....			6	Pike County.....	1		1
Henry County.....	2	2	1	Saint Clair County.....		1	1
Houston County.....	3	2	1	Shelby County.....	1		
Jackson County.....			2	Sumter County.....	3	7	6

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## MALARIA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Alabama—Continued.</b>				<b>Florida—Continued.</b>			
Talladega County.....			4	Duval County.....	2	3	5
Tuscaloosa County.....	2	2	1	Escambia County.....		2	
Walker County.....			1	Hardee County.....			1
Washington County.....	1			Hernando County.....			1
Wilcox County.....		1	1	Highlands County.....	1		
Winston County.....		1		Hillsborough County.....	8	12	13
Total.....	75	68	80	Holmes County.....	1		
<b>Arkansas:</b>				Lake County.....	1		2
Ashley County.....	3			Lee County.....			1
Baxter County.....	10	11	9	Leon County.....		4	2
Calhoun County.....	2			Levy County.....		1	
Cleveland County.....			3	Madison County.....			1
Conway County.....	4			Manatee County.....		1	
Craighead County.....	2	1	1	Monroe County.....			2
Cross County.....		2	3	Orange County.....			1
Drew County.....	9	4	12	Osceola County.....	1		
Faulkner County.....	2			Palm Beach County.....			1
Grant County.....	2	14	6	Pasco County.....	1	3	
Greene County.....		5	5	Pinellas County.....	5	1	2
Hempstead County.....	3	5	9	Polk County.....		3	1
Howard County.....	2	1		Saint Johns County.....		1	
Independence County.....		4	2	Saint Lucie County.....	2	1	3
Izard County.....	2	4	2	Seminole County.....	3		1
Jefferson County.....	1			Volusia County.....	3		
Lafayette County.....			2	Total.....	33	34	38
Lee County.....	27		3	<b>Georgia:</b>			
Lenoire County.....			1	Banks County.....			1
Madison County.....			2	Barrow County.....	3		
Mississippi County.....				Bibb County.....		1	
Montgomery County.....	14	12	3	Burke County.....		2	3
Ouchita County.....	44	38	32	Charlton County.....		1	
Perry County.....	1	1		Chatham County.....	3		4
Phillips County.....				Chattahoochee County.....		1	4
Poinsett County.....		1		Coffee County.....			1
Pulaski County.....	2	19	16	Colquitt County.....	1		
Randolph County.....	2	1	4	Columbia County.....		1	
Saint Francis County.....	2	4	9	Coweta County.....			1
Saline County.....			1	Crawford County.....			1
Scott County.....				Decatur County.....	4	3	9
Sebastian County.....	1	5		De Kalb County.....		1	
Sharp County.....	3	4	4	Dodge County.....			1
Union County.....	15	15	4	Early County.....	1	3	3
Van Buren County.....			2	Emanuel County.....			1
Washington County.....	20	2		Fulton County.....		6	
Yell County.....	2		5	Jackson County.....	1		
Total.....	176	155	140	Lowndes County.....	1	3	
<b>California:</b>				Muscogee County.....			
Alameda County.....	1			Richmond County.....		1	2
Butte County.....	1			Terrell County.....		3	
Los Angeles County.....	1		1	Wilcox County.....			3
San Diego County.....		1		Worth County.....		2	
San Francisco County.....		2	1	Total.....	15	29	38
Shasta County.....	5	1		<b>Illinois:</b>			
Stanislaus County.....		1	2	Clinton County.....	1		
Sutter County.....			1	Cook County.....		1	
Yuba County.....			3	Total.....	1	1	
Total.....	8	5	8	<b>Louisiana:</b>			
<b>Connecticut:</b>				Beauregard Parish.....		1	
Hartford County.....		1		Caddo Parish.....			1
<b>Delaware:</b>				Caldwell Parish.....		1	
Kent County.....			1	De Soto Parish.....	1		1
Sussex County.....	2			East Baton Rouge Parish.....	1		
Total.....	2		1	East Carroll Parish.....			1
<b>Florida:</b>				Franklin Parish.....			5
Alachua County.....		2		Grant Parish.....			1
Broward County.....	1			Iberia Parish.....			2
Citrus County.....	4			Lafayette Parish.....	1		
Dade County.....			1	Livingston Parish.....		1	1
				Natchitoches Parish.....		2	6
				Orleans Parish.....	3	3	5

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## MALARIA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Louisiana—Continued.</b>				<b>Mississippi—Continued.</b>			
Rapides Parish.....		1	1	Montgomery County.....	20	35	29
Richland Parish.....		2	1	Neshoba County.....	64	121	44
Sabine Parish.....			1	Newton County.....	11	11	37
Saint Landry Parish.....			1	Noxubee County.....	18	19	16
Tangipahoa Parish.....		2		Oktibbeha County.....	6	18	14
Tensas Parish.....	4		1	Panola County.....	10	39	19
Washington Parish.....		4	3	Pearl River County.....	20	38	30
Total.....	10	17	31	Perry County.....		3	8
<b>Maine:</b>				Pike County.....	28	33	28
Sagadahoc County.....	1			Pontotoc County.....	36	37	23
<b>Maryland:</b>				Prentiss County.....	29	12	24
Baltimore City.....	3	1		Quitman County.....	66	38	90
Dorchester County.....	1			Rankin County.....	13	16	17
Total.....	4	1		Scott County.....	34	16	59
<b>Massachusetts:</b>				Sharkey County.....	46	52	58
Middlesex County.....	1			Simpson County.....	21	48	37
Norfolk County.....	1			Smith County.....	28	80	28
Plymouth County.....			1	Stone County.....	4	3	9
Total.....	2		1	Sunflower County.....	210	188	207
<b>Mississippi:</b>				Tallahatchie County.....	56	47	75
Adams County.....	24	41	22	Tate County.....	21	26	56
Alcorn County.....	44	42	70	Tippah County.....	15	15	5
Amite County.....	34	33	39	Tishomingo County.....	33	44	57
Attala County.....	8	16	22	Tunica County.....	178	64	78
Benton County.....		6	6	Union County.....	6	6	7
Bolivar County.....	234	254	306	Waltham County.....	1		
Calhoun County.....	2	6	12	Warren County.....	117	72	116
Carroll County.....	19	11	20	Washington County.....	93	65	92
Chickasaw County.....	20	19	47	Wayne County.....	20		30
Choctaw County.....	4	8	9	Webster County.....	6	6	22
Claborn County.....	12	11	12	Wilkinson County.....	15	6	23
Clarke County.....	16	71	82	Winston County.....	100	54	150
Clay County.....	20	18	14	Yalobusha County.....	22	16	34
Coahoma County.....	119	111	129	Yazoo County.....	54	51	41
Copiah County.....	52	32	46	Total.....	2,995	2,844	3,585
Covington County.....	4	4	14	<b>New Jersey:</b>			
De Soto County.....	23	13	19	Essex County.....			1
Forrest County.....	18	22	21	Hudson County.....			1
Franklin County.....	20	9	13	Total.....			2
George County.....	8	8	10	<b>New Mexico:</b>			
Greene County.....	10	12	17	Chaves County.....	1		
Grenada County.....	4	8	15	Dona Ana County.....		1	
Hancock County.....	23	21	21	Total.....	1	1	
Harrison County.....	2	4	2	<b>New York:</b>			
Hinds County.....	66	94	117	Erie County.....		1	
Holmes County.....	188	56	129	Nassau County.....			2
Humphreys County.....	84	68	109	New York City.....	4	4	1
Issaquena County.....	28	30	20	Rockland County.....			1
Itawamba County.....		7	6	Total.....	4	5	4
Jackson County.....	8	17	15	<b>Ohio:</b>			
Jasper County.....	26	31	21	Champaign County.....	1		
Jefferson County.....	13	19	27	<b>Oklahoma:</b>			
Jefferson Davis County.....	11	27	38	Mayes County.....	2		
Jones County.....	42	14	10	Pittsburg County.....	42		
Kemper County.....	32	17	9	Total.....	44	(1)	
Lafayette County.....	33	13	48	<b>Rhode Island:</b>			
Lamar County.....	18	20	20	Providence County.....		4	1
Lauderdale County.....	26	14	44	<b>South Carolina:</b>			
Lawrence County.....	36	44	44	Barnwell County.....	5	19	
Leake County.....	35	52	41	<b>Tennessee:</b>		3	3
Lee County.....	32	52	42				
Leflore County.....	71	84	172				
Lincoln County.....	10	14	10				
Lowndes County.....	21	38	32				
Madison County.....	14	12	11				
Marion County.....	10	11	10				
Marshall County.....	26	8	10				
Monroe County.....	44	43	69				

1 Report for February not received at time of going to press.

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## MALARIA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
Virginia:				Virginia—Continued.			
Bedford County.....			2	Mathews County.....	2		
Brunswick County.....	1	3	7	Mecklenburg County.....		5	5
Buckingham County.....	2		3	Middlesex County.....	4	4	7
Caroline County.....	1	2	2	Northampton County.....	12	4	4
Charles City County.....			1	Northumberland			
Cumberland County.....	7			County.....	5	2	4
Danville (City).....		1		Pittsylvania County.....	8	2	
Dinwiddie County.....		1	6	Powhatan County.....	6	6	4
Elizabeth City County.....	1			Prince Edward County.....	1		1
Fauquier County.....				Prince George County.....	3		
Gloucester County.....	2	5	2	Russell County.....	1		
Greensville County.....	1	3	2	Shenandoah County.....	1		
Halifax County.....	2	1		Southampton County.....	6	5	3
Hanover County.....		3	4	Spotsylvania County.....			1
Henrico County.....	2	3		Stafford County.....	3		
Isle of Wight County.....	9	12	9	Surry County.....	2	5	2
King and Queen County.....	10	2		Sussex County.....	2	4	
King George County.....	4			York County.....	1		
Lee County.....	3						
Lanenburg County.....	2	2	2	Total.....	105	75	71

## OCCUPATIONAL DISEASES AND DISABILITIES.

Connecticut:				Massachusetts—Continued.			
Benzol poisoning.....	1			Phenol formaldehyde			
Dermatitis (infectious).....			1	fumes.....			2
Dermatitis (occupa-	3			Poisoning by nickel so-			1
tional).....				lution.....			
Dermatitis (venenata).....			1	Total.....	19	12	18
Eczema.....	1			Missouri:			
Lead poisoning.....	2	2		Lead poisoning.....		1	
Mercurial poisoning.....		1					
Total.....	7	3	2	New Jersey:			
Illinois:				Lead poisoning.....	2	2	4
Lead poisoning.....	20	16	12	Mercury poisoning.....	4		
Massachusetts:				Total.....	6	2	4
Acid fumes poisoning.....			8	New Mexico:			
Alum poisoning.....			1	Lead poisoning.....	1		
Ammonia and formalde-	1						
hyde poisoning.....	2			Ohio:			
Blood poisoning.....	1	1		Anilin poisoning.....			1
Brass poisoning.....	1			Carbon monoxide poi-			
Carbon monoxide poi-	1			soning.....		1	
soning.....	1			Dermatitis (rubber).....	71	48	33
Chrome poisoning.....		1		Dermatitis (match).....		1	2
Cyanide poisoning.....	2		2	Dermatitis (varnish).....		1	
Dermatitis.....	1			Lead poisoning.....	9	12	3
Hydrogen sulphide gas.....	1			Total.....	80	63	39
Illuminating gas asphyx-			1	Pennsylvania:			
iation.....			1	Lead poisoning.....		5	3
Lead colic.....			1				
Lead paralysis.....		1					
Lead poisoning.....	10	8	2				
Natural gas poisoning.....		1					

PARATYPHOID FEVER.<sup>1</sup>

Arkansas:				Connecticut:			
Baxter County.....			2	Fairfield County.....		1	
Carroll County.....	2			Hartford County.....		4	
Drew County.....			3	New Haven County.....		1	1
County not stated.....	6	9	3	County not stated.....	1		
Total.....	8	9	8	Total.....	1	6	1
California:				Georgia:			
Los Angeles County.....	2	1		Decatur County.....		1	
Orange County.....	3		1	Talbott County.....			2
Total.....	5	1	1	Total.....		1	2

<sup>1</sup>In reports from some States paratyphoid fever is not differentiated from typhoid fever.



## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## PARATYPHOID FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Illinois:</b>				<b>New York:</b>			
Cook County.....	2	1	-----	New York City.....	-----	2	4
La Salle County.....	-----	-----	2	Oneida County.....	-----	-----	2
Will County.....	-----	1	-----	<b>Total.....</b>	<b>5</b>	<b>2</b>	<b>6</b>
<b>Total.....</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>North Dakota:</b>			
<b>Louisiana:</b>				Foster County.....	-----	-----	1
Calcasieu Parish.....	1	-----	-----	<b>Ohio:</b>			
Place not stated.....	-----	1	-----	Cuyahoga County.....	-----	-----	2
<b>Total.....</b>	<b>1</b>	<b>1</b>	-----	Union County.....	-----	-----	1
<b>Minnesota:</b>				<b>Total.....</b>	<b>2</b>	-----	<b>3</b>
Hennepin County.....	-----	1	-----	<b>Oregon:</b>			
<b>New Jersey:</b>				Lane County.....	-----	1	-----
Camden County.....	-----	-----	3	<b>Wyoming:</b>			
Essex County.....	-----	-----	3	Natrona County.....	-----	-----	1
Union County.....	-----	-----	1				
<b>Total.....</b>	-----	-----	<b>7</b>				

## PELLAGRA.

<b>Alabama:</b>				<b>Florida—Continued.</b>			
Calhoun County.....	1	1	-----	Polk County.....	-----	-----	1
Etowah County.....	-----	1	-----	Suwannee County.....	-----	-----	1
Jackson County.....	2	2	-----	<b>Total.....</b>	<b>1</b>	<b>1</b>	<b>10</b>
Jefferson County.....	1	4	2	<b>Georgia:</b>			
Lauderdale County.....	-----	2	1	Bartow County.....	-----	2	-----
Lee County.....	-----	1	1	Charlton County.....	2	-----	-----
Madison County.....	1	1	-----	Chatham County.....	1	-----	-----
Montgomery County.....	-----	-----	1	Jefferson County.....	-----	2	-----
Morgan County.....	2	1	1	Oglethorpe County.....	-----	-----	1
Randolph County.....	-----	-----	1	<b>Total.....</b>	<b>3</b>	<b>4</b>	<b>1</b>
Sumter County.....	2	3	2	<b>Kansas:</b>			
Talladega County.....	-----	1	-----	Labette County.....	-----	1	-----
Tuscaloosa County.....	6	1	3	Montgomery County.....	-----	1	-----
Washington County.....	-----	-----	2	<b>Total.....</b>	-----	<b>2</b>	-----
<b>Total.....</b>	<b>15</b>	<b>18</b>	<b>14</b>	<b>Louisiana:</b>			
<b>Arkansas:</b>				Concordia Parish.....	2	-----	-----
Drew County.....	5	1	6	Orleans Parish.....	1	2	1
Faulkner County.....	1	-----	-----	Rapides Parish.....	2	-----	-----
Grant County.....	1	3	1	St. Helena Parish.....	-----	-----	1
Howard County.....	-----	2	-----	<b>Total.....</b>	<b>5</b>	<b>2</b>	<b>2</b>
Independence County.....	1	-----	2	<b>Mississippi:</b>			
Izard County.....	-----	-----	-----	Adams County.....	5	2	1
Jefferson County.....	1	-----	-----	Alcorn County.....	1	-----	3
Madison County.....	-----	-----	1	Amite County.....	1	1	-----
Ouachita County.....	5	6	5	Attala County.....	-----	2	-----
St. Francis County.....	2	-----	1	Bolivar County.....	14	24	26
Union County.....	1	1	-----	Carroll County.....	-----	-----	1
<b>Total.....</b>	<b>17</b>	<b>13</b>	<b>16</b>	Chickasaw County.....	1	7	-----
<b>California:</b>				Claiborne County.....	-----	-----	1
Los Angeles County....	1	1	1	Clarke County.....	1	-----	6
Orange County.....	-----	-----	1	Clay County.....	-----	1	3
Riverside County.....	-----	1	-----	Coahoma County.....	5	7	6
<b>Total.....</b>	<b>1</b>	<b>1</b>	<b>3</b>	Copiah County.....	2	2	9
<b>Florida:</b>				Covington County.....	2	1	-----
Alachua County.....	-----	-----	1	De Soto County.....	1	2	-----
Bradford County.....	-----	-----	1	Forrest County.....	8	5	-----
Columbia County.....	-----	-----	1	Franklin County.....	-----	1	-----
Dade County.....	1	-----	-----	George County.....	2	1	-----
Franklin County.....	-----	-----	1	Greene County.....	1	1	2
Gadsden County.....	-----	1	-----	Grenada County.....	-----	2	-----
Hillsborough County.....	-----	1	-----				
Manatee County.....	-----	-----	3				

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## PELLAGRA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Mississippi—Continued.</b>				<b>Mississippi—Continued.</b>			
Harrison County.....			1	Union County.....			1
Hinds County.....	6	2	10	Warren County.....	4	6	6
Holmes County.....	7	2	9	Washington County.....	5	12	16
Humphreys County.....	1	3	7	Webster County.....	1	1	
Jackson County.....		1		Wilkinson County.....	2	1	3
Jasper County.....	2	4	4	Yalobusha County.....	1	1	
Jefferson Davis County.....		2		Yazoo County.....	2	2	2
Jones County.....	5	1	2	Total.....	142	179	242
Kemper County.....			3	<b>New Mexico:</b>			
Lafayette County.....		4	1	San Miguel County.....		1	
Lamar County.....		1		<b>South Carolina:</b>			
Lauderdale County.....	4	5	1	Anderson County.....		2	
Lawrence County.....	6		2	Barnwell County.....	11		
Leake County.....	2	3	1	Orangeburg County.....		1	
Lee County.....	3	4	2	Total.....	11	3	
Leflore County.....	3	4	10	<b>Tennessee:</b>			
Lincoln County.....	3	4	1		30	36	33
Lowndes County.....		2	2	<b>Virginia:</b>			
Madison County.....	1		6	Botetourt County.....		1	
Marion County.....			2	Brunswick County.....		1	
Marshall County.....	2		4	Buckingham County.....	1		1
Monroe County.....	3	5	6	Dinwiddie County.....			1
Montgomery County.....	1		2	Goochland County.....			1
Neshoba County.....	4	4		Grayson County.....			1
Newton County.....		1	2	Hanover County.....		1	1
Noxubee County.....	1	3	2	Isle of Wight County.....			1
Oktibbeha County.....	1			Madison County.....			1
Panola County.....		1	1	Mecklenburg County.....	1	1	
Pearl River County.....	1	1		Pittsylvania County.....	1	1	1
Perry County.....		1		Prince George County.....	1		
Pike County.....	3			Russell County.....		2	
Pontotoc County.....			1	Scott County.....		2	3
Quitman County.....	2	4	11	Smyth County.....	1		
Rankin County.....			1	Southampton County.....		2	1
Scott County.....	1		3	Washington County.....	1		
Sharkey County.....	3	5	2	Total.....	6	11	12
Simpson County.....		1	2				
Sunflower County.....	11	13	28				
Tallahatchie County.....		6	5				
Tate County.....	2	1	1				
Tippah County.....		2	6				
Tishomingo County.....	1	1	3				
Tunica County.....	4	6	6				

## POLIOMYELITIS (INFANTILE PARALYSIS).

<b>Alabama:</b>				<b>Connecticut:</b>			
Jefferson County.....	1			Fairfield County.....			2
Marengo County.....	1			New Haven County.....		1	
Talladega County.....		1		New London County.....		1	
Total.....	2	1		Total.....		2	2
<b>Arkansas:</b>				<b>Florida:</b>			
Washington County.....	1			Escambia County.....	1		
<b>California:</b>				<b>Georgia:</b>			
Del Norte County.....		3	1	Hart County.....			1
Glenn County.....	1			De Kalb County.....	2		
Kern County.....	1		2	Total.....	2		1
Kings County.....			1	<b>Hawaii:</b>			
Los Angeles County.....	4	1	4	Kauai.....			1
San Bernardino County.....			1	Oahu.....			1
Santa Clara County.....	1			Total.....			2
Sonoma County.....	1			<b>Illinois:</b>			
Total.....	8	4	9	Clark County.....	1		
<b>Colorado:</b>				Cook County.....	2	5	1
Washington County.....			1				

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Illinois—Continued.</b>				<b>Mississippi:</b>			
Hancock County.....			1	Covington County.....		1	
Lake County.....	1			Harrison County.....	1		
Lawrence County.....		1		Total.....	1	1	
Logan County.....			1	<b>Missouri:</b>			
Rock Island County.....		1		Jackson County.....		1	
Total.....	4	7	3	<b>Nebraska:</b>			
<b>Indiana:</b>				Cuming County.....	1		
Clinton County.....			1	Dixon County.....		1	
Lake County.....	1			Pawnee County.....			1
Martin County.....	1			Total.....	1	1	1
Pulaski County.....	1			<b>New Jersey:</b>			
Vanderburgh County.....			1	Burlington County.....		1	
Total.....	3		2	Essex County.....	2	2	2
<b>Iowa:</b>				Hudson County.....	1		1
Webster County.....	1			Mercer County.....	1		
<b>Kansas:</b>				Morris County.....	1		
Atchison County.....	1			Total.....	5	3	3
Crawford County.....			1	<b>New Mexico:</b>			
Greenwood County.....	1			Bernalillo County.....	1		
Jefferson County.....		1		<b>New York:</b>			
Kingman County.....	1			Chautauqua County.....		1	
Leavenworth County.....		1		Erie County.....		3	1
Rice County.....	1			Nassau County.....		1	2
Total.....	4	2	1	New York City.....	7	5	3
<b>Louisiana:</b>				Oneida County.....			2
Franklin Parish.....			1	Onondaga County.....		1	
Vernon Parish.....			1	Orleans County.....			1
Total.....			2	Oswego County.....	1		
<b>Maine:</b>				Saint Lawrence County.....	1		
Cumberland County.....			1	Suffolk County.....		1	
Kennebec County.....		1		Westchester County.....	1		
Total.....		1	1	Wyoming County.....	1		1
<b>Maryland:</b>				Total.....	11	12	8
Baltimore City.....	1	1		<b>North Dakota:</b>			
Caroline County.....			1	Burleigh County.....			1
Carroll County.....	1			Grand Forks County.....			1
Total.....	2	1	1	Ransom County.....	1		
<b>Massachusetts:</b>				Total.....	1		2
Bristol County.....		3		<b>Ohio:</b>			
Essex County.....			2	Champaign County.....			2
Hampden County.....	1			Franklin County.....	1		
Hampshire.....			1	Hamilton County.....		2	
Middlesex County.....	7	2	3	Montgomery County.....			1
Plymouth County.....	2			Total.....	1	2	3
Suffolk County.....	3	1	1	<b>Oregon:</b>			
Worcester County.....	1		2	Deschutes County.....	1		
Total.....	14	6	9	<b>Pennsylvania:</b>			
<b>Michigan:</b>				Allegheny County.....	1		
Genesee County.....		1		Beaver County.....	1		
Huron County.....			1	Center County.....	1		
Leelanau County.....			1	Erie County.....		1	
Wayne County.....	3	2	1	Total.....	3	1	
Total.....	3	3	3	<b>South Carolina:</b>			
<b>Minnesota:</b>				Barnwell County.....		6	
Lac Qui Parle County.....			1	<b>Tennessee:</b>			
Ramsey County.....			1		1	1	1
Total.....			2				

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
Utah:				West Virginia:			
Iron County.....		1		Berkeley County.....		1	
Millard County.....	1			Gilmer County.....			1
Total.....	1	1	(1)	Total.....		1	1
Virginia:				Wisconsin:			
Amelia County.....			1	Milwaukee County.....		2	1
Caroline County.....		1		Oconto County.....		1	
Dinwiddie County.....			1	Rock County.....	1		
Franklin County.....	1	1		Total.....	1	3	1
Lee County.....	1	1	1				
Louisa County.....	1						
Lynchburg (City).....			1				
Mecklenburg County.....	1						
Nelson County.....			1				
Washington County.....		2					
Total.....	3	5	5				

## ROCKY MOUNTAIN SPOTTED OR TICK FEVER.

California:				Wyoming:			
Lassen County.....			1	Lincoln County.....			1
Montana:							
Lewis and Clark County.....		1					

## SCARLET FEVER.

Alabama:				Arkansas—Continued.			
Covington County.....		1		Crawford County.....	1	1	1
Crenshaw County.....		1		Garland County.....	1		3
Cullman County.....		1		Grant County.....	2	9	
Dekalb County.....		1		Greene County.....	2	1	
Etowah County.....			2	Hempstead County.....		2	1
Franklin County.....			3	Hot Spring County.....	1		
Jackson County.....		1		Howard County.....			1
Jefferson County.....		14	15	Independence County.....			1
Lamar County.....		2		Lafayette County.....			1
Lauderdale County.....		3	1	Lawrence County.....		2	
Madison County.....			3	Mississippi County.....	1		1
Mobile County.....		2	1	Monroe County.....	1		
Talladega County.....		3	1	Pulaski County.....	9	3	5
Tuscaloosa County.....		1		Sebastian County.....	10	6	1
Walker County.....		2	1	Washington County.....	1		
County not stated.....	51			Woodruff County.....	1		
Total.....	51	32	27	Total.....	35	28	20
Arizona:				California:			
Cochise County.....	4			Alameda County.....	109	76	101
Coconino County.....	3	1		Amador County.....	3		2
Gila County.....	5		11	Butte County.....	7	9	6
Maricopa County.....	36	11	13	Calaveras County.....		1	
Mohave County.....			1	Colusa County.....	12		
Navajo County.....		1		Contra Costa County.....	5	3	1
Pima County.....	8	5	2	Eldorado County.....	11	4	3
Pinal County.....	2	2	3	Fresno County.....	131	86	94
Yavapai County.....	1	3	3	Humboldt County.....	1		
Yuma County.....		1		Imperial County.....	2	5	11
Total.....	59	24	34	Inyo County.....	1	1	2
Arkansas:				Kern County.....	59	64	41
Arkansas County.....	5			Kings County.....	5	6	1
Ashley County.....		2		Lassen County.....		5	1
Benton County.....		1		Los Angeles County.....	683	500	519
Calhoun County.....			1	Madera County.....	5		6
Chicot County.....		1		Marin County.....		5	4
Craighead County.....	1		4	Mendocino County.....	1	5	
				Merced County.....	12	4	2
				Monterey County.....	2	1	1

<sup>1</sup> Report for March not received at time of going to press.

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SCARLET FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>California—Continued.</b>				<b>Connecticut—Continued.</b>			
Napa County.....	10	10	14	Windham County.....		33	36
Nevada County.....	2	1		County not stated.....	741		
Orange County.....	30	12	17	Total.....	741	746	806
Placer County.....		1	1	<b>Delaware</b>			
Riverside County.....	21	20	11		88	54	59
Sacramento County.....	19	9	11	<b>District of Columbia</b>			
San Benito County.....	1	1	1		130	175	160
San Bernardino County.....	30	28	23	<b>Florida:</b>			
San Diego County.....	50	27	21	Broward County.....			2
San Francisco County.....	212	160	173	Dade County.....		2	5
San Joaquin County.....	18	32	35	Duval County.....		5	3
San Luis Obispo County.....	8	6	1	Pinellas County.....		4	22
San Mateo County.....	10	7	13	County not stated.....	7		
Santa Barbara County.....	10	11	8	Total.....	7	11	32
Santa Clara County.....	15	10	13	<b>Georgia:</b>			
Santa Cruz County.....	14	5	4	Bartow County.....	2	4	
Shasta County.....			1	Bibb County.....		1	
Siskiyou County.....	1	4	1	Burke County.....			1
Solano County.....	34	20		Charlton County.....	2		
Sonoma County.....	6	7	10	Chatham County.....	4	1	3
Stanislaus County.....	28	8	12	Clarke County.....	1	1	
Sutter County.....	1	4	1	Coweta County.....		2	
Tehama County.....	8		1	Decatur County.....	1		
Tulare County.....	15	5		De Kalb County.....	5	1	1
Ventura County.....	9	3	3	Dooly County.....			1
Yolo County.....	23	3		Dougherty County.....		1	1
Yuba County.....	1	7		Floyd County.....		2	
Total.....	1,625	1,176	1,170	Fulton County.....	19	14	53
<b>Colorado:</b>				Richmond County.....		2	
Arapahoe County.....	11	4	3	Troup County.....		2	
Archuleta County.....	3	1	1	Walker County.....		1	
Bent County.....	7	1	3	Worth County.....		1	
Boulder County.....	27	35	4	Total.....	34	33	60
Cheyenne County.....	2	2		<b>Hawaii:</b>			
Conejos County.....	9	5	1	Maul.....	1		
Crowley County.....	2	4	2	Oahu.....	2	1	2
Denver County.....	55	74	69	Total.....	3	1	2
Elbert County.....	1			<b>Idaho:</b>			
El Paso County.....	4	4	2	Ada County.....	7	1	1
Fremont County.....	3		2	Bear Lake County.....		14	
Garfield County.....	2			Benewah County.....	3	1	
Gunnison County.....	1	1		Bingham County.....			2
Huerfano County.....	4	9	2	Bonner County.....			1
Jefferson County.....	4		1	Bonneville County.....		2	
Kit Carson County.....	3	2		Camas County.....	1		
La Plata County.....		1		Canyon County.....	3	4	1
Larimer County.....	3	2		Elmore County.....	6	1	
Las Animas County.....	9	9	4	Kootenai County.....	2	18	14
Lincoln County.....	2	1		Latah County.....	4	3	5
Logan County.....	12	3		Payette County.....		1	3
Mesa County.....	1	6	6	Shoshone County.....	3	1	
Mineral County.....	1			Twin Falls County.....	3	2	2
Morgan County.....	4	1	1	Washington County.....	1		1
Otero County.....	42	31	17	Total.....	33	48	30
Phillips County.....			1	<b>Illinois:</b>			
Prowers County.....		1		Adams County.....	19	6	4
Pueblo County.....	11	12	15	Alexander County.....	3	2	3
San Miguel County.....			5	Bond County.....	5	6	4
Sedgwick County.....		1		Boone County.....	5	3	4
Teller County.....	17	5	7	Brown County.....	1		
Washington County.....	1		1	Bureau County.....	24	16	14
Weld County.....	12	9	11	Calhoun County.....	3	1	2
Yuma County.....	1	4		Carroll County.....	3		15
Total.....	254	228	158	Cass County.....	4	7	12
<b>Connecticut:</b>				Champaign County.....	12	11	9
Fairfield County.....		60	128	Christian County.....	11	7	3
Hartford County.....		295	334				
Litchfield County.....		34	32				
Middlesex County.....		26	26				
New Haven County.....		228	189				
New London County.....		34	51				
Tolland County.....		6	10				



## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SCARLET FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Illinois—Continued.</b>				<b>Illinois—Continued.</b>			
Clark County.....		5	2	Whiteside County.....	6	5	4
Clay County.....			1	Will County.....	15	14	51
Clinton County.....			1	Williamson County.....	6	1	2
Coles County.....			4	Winnebago County.....	9	10	11
Cook County.....	710	578	665	Woodford County.....	5		4
Crawford County.....	1	3	5				
De Kalb County.....	10	52	76	<b>Total.....</b>	<b>1,436</b>	<b>1,317</b>	<b>1,509</b>
De Witt County.....		1	4				
Douglas County.....		1	7	<b>Indiana:</b>			
Du Page County.....	9	13	20	Adams County.....		1	1
Edgar County.....		1		Allen County.....		28	17
Edwards County.....	2	3		Benton County.....			6
Effingham County.....	2		4	Blackford County.....		3	2
Fayette County.....	7	8	2	Boone County.....		2	3
Ford County.....	1	5	5	Carroll County.....		1	
Franklin County.....	8	4		Cass County.....		2	5
Fulton County.....	6	3	6	Clark County.....		2	1
Greene County.....	4	5	3	Clay County.....			4
Grundy County.....			1	Clinton County.....			2
Hamilton County.....		1		De Kalb County.....		13	16
Hancock County.....	2		1	Delaware County.....		20	6
Henderson County.....	2	3	1	Elkhart County.....		20	10
Henry County.....	7	7	4	Fayette County.....		7	13
Iroquois County.....	5	17	12	Floyd County.....			2
Jackson County.....		1	2	Fountain County.....		1	4
Jefferson County.....	4			Franklin County.....			3
Jersey County.....			2	Fulton County.....			2
Jo Daviess County.....	15	4	4	Gibson County.....		3	8
Johnson County.....	1		1	Grant County.....		1	1
Kane County.....	79	77	97	Greene County.....			1
Kankakee County.....	3	1	3	Hamilton County.....		3	1
Kendall County.....	8	11	8	Hendricks County.....		1	1
Knox County.....	10	14	5	Howard County.....		2	3
Lake County.....	42	20	15	Huntington County.....		5	9
La Salle County.....	26	40	86	Jackson County.....			1
Lee County.....	2		1	Jasper County.....		8	9
Livingston County.....	3	20	26	Jay County.....		4	5
Logan County.....		2		Jefferson County.....			1
McDonough County.....	14		1	Jennings County.....		9	10
McHenry County.....	11	5	3	Johnson County.....			2
McLean County.....	28	2	6	Knox County.....			1
Macon County.....	56	41	46	Kosciusko County.....		3	1
Macoupin County.....	5	5	1	Lagrange County.....			5
Madison County.....	30	21	17	Lake County.....		86	11
Marion County.....	4	2	7	Laporte County.....		9	4
Marshall County.....	1			Lawrence County.....		1	
Massac County.....			1	Madison County.....		5	6
Menard County.....			3	Marion County.....		22	47
Mercer County.....	12			Marshall County.....		14	20
Monroe County.....		1	9	Martin County.....			1
Montgomery County.....	4	11	1	Miami County.....		7	1
Morgan County.....	11	11	8	Monroe County.....		4	5
Moultrie County.....	5		4	Montgomery County.....		14	4
Ogle County.....		4	1	Newton County.....			5
Peoria County.....	20	23	22	Noble County.....			6
Perry County.....	1	1	1	Parke County.....			3
Platt County.....		6	6	Pike County.....			2
Pike County.....	6	1	1	Porter County.....		12	10
Pope County.....		1		Pulaski County.....		1	
Putnam County.....		2	1	Putnam County.....			5
Randolph County.....	2		1	Randolph County.....		6	5
Richland County.....		1		Ripley County.....		5	2
Rock Island County.....	6	7	7	St. Joseph County.....		60	63
Saint Clair County.....	20	47	39	Spencer County.....		5	2
Saline County.....	5	22	14	Starke County.....		2	3
Sangamon County.....	13	16	7	Steuben County.....			5
Schuyler County.....	7	3		Sullivan County.....		1	10
Shelby County.....	2	2		Switzerland County.....		3	
Stark County.....	9	6	13	Tippecanoe County.....		2	5
Stephenson County.....	9	26	24	Tipton County.....			1
Tazewell County.....	23	35	18	Union County.....		1	2
Union County.....	1			Vanderburg County.....		9	7
Vermillion County.....	14	14	17	Vermillion County.....		10	3
Warren County.....	8	6	6	Vigo County.....		35	15
Washington County.....	1	4	1	Wabash County.....			2
Wayne County.....			3	Warren County.....		5	11
White County.....	1	1	4	Warrick County.....		2	2

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SCARLET FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Indiana—Continued.</b>				<b>Iowa—Continued.</b>			
Wayne County		2	4	Webster County		2	4
White County			1	Winnebago County		2	4
Whitley County		2	1				
County not stated	537			Total	268	271	287
Total	537	464	510				
<b>Iowa:</b>				<b>Kansas:</b>			
Adams County		1	2	Allen County	5	7	5
Allamakee County		1	1	Anderson County			1
Appanoose County			2	Atchison County	1		2
Benton County		2		Barton County	4	5	
Black Hawk County		11	13	Bourbon County		3	3
Boone County		2	4	Brown County	2	5	
Bremer County		20	3	Butler County	6	2	5
Buchanan County		8	2	Chase County		1	1
Buena Vista County		1		Chautauqua County	1		
Butler County		3	7	Cherokee County		1	2
Calhoun County		38		Cheyenne County	3		1
Cass County		1	9	Clay County	5	5	2
Cedar County		4	2	Cloud County	4		2
Cerro Gordo County		20	18	Coffey County	31	21	25
Cherokee County		2	1	Cowley County	13	8	5
Chickasaw County		1	3	Crawford County	1	1	5
Clay County			1	Decatur County	6		
Clinton County		2	2	Dickinson County	3	1	1
Crawford County		1	3	Doniphan County	1	1	1
Dallas County		1	3	Douglas County	7	6	19
Decatur County			2	Edwards County	1		8
Delaware County		4	13	Ellis County		5	
Des Moines County			5	Ellsworth County		6	
Dickinson County		1		Finney County	8		5
Fayette County		3	13	Ford County	3	3	1
Floyd County		3	5	Franklin County	2		7
Franklin County		1		Geary County	2	1	1
Grundy County		4	2	Gove County			1
Hancock County		2	1	Greenwood County	2	5	2
Hardin County		2	1	Hamilton County	2		
Henry County			1	Harper County	2	2	1
Ida County		1		Harvey County	1	3	1
Iowa County			2	Haskell County			1
Jasper County			3	Hodgeman County	4		5
Jefferson County		6	5	Jackson County	4	1	2
Johnson County		10	9	Jefferson County	9	3	1
Jones County			12	Jewell County	1	1	1
Keokuk County		6		Johnson County	10	5	
Kossuth County		2	2	Kearny County		1	1
Lee County		15	19	Kingman County	6	3	1
Linn County		11	22	Kiowa County	1	5	5
Louisia County		1		Labette County	3	2	2
Lyon County		1		Lame County	2		
Mahaska County		2	1	Leavenworth County	9	10	32
Marion County			1	Lincoln County	4	1	
Marshall County		2		Logan County	1		
Mills County		1	4	Lyon County	16	10	12
Monona County			2	McPherson County	4	4	3
Montgomery County			2	Marion County	4	1	2
Muscatine County		5	12	Marshall County	4	1	7
Osceola County		1		Miami County		2	1
Plymouth County		2	2	Mitchell County	1		6
Pocahontas County		4		Montgomery County	2	1	2
Polk County		20	11	Morris County	4	1	
Pottawattamie County		4	3	Nemaha County	1	4	
Poweshiek County		5	6	Neosho County	6	2	1
Ringgold County		1	5	Ness County	3		
Scott County		10	7	Norton County	2	6	1
Shelby County			15	Osage County	6	13	10
Sioux County		2	4	Osburn County		2	1
Story County		3	1	Ottawa County	9	11	
Tama County			1	Pawnee County		3	1
Taylor County		1	2	Phillips County	20	13	7
Union County		4		Pottawatomie County	7	5	2
Wapello County			2	Pratt County	2	8	2
Warren County			1	Rawlins County	7	3	3
Washington County		5	3	Reno County	10	6	10
Wayne County		1	1	Republic County	5	6	
				Rice County	7	3	
				Riley County	8	2	1

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SCARLET FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Kansas—Continued.</b>				<b>Maryland—Continued.</b>			
Rush County.....	2	1		Prince Georges County.....	14	11	5
Russell County.....	2	3	2	Queen Annes County.....	19	11	7
Saline County.....	6	1		Saint Marys County.....			1
Scott County.....	16	19	1	Somerset County.....	6	3	1
Sedgwick County.....	16	1	13	Talbot County.....	1	6	19
Seward County.....	14	13	9	Washington County.....	4	13	8
Shawnee County.....	1	15	2	Wicomico County.....	12	2	6
Sheridan County.....	11	15	2	Worcester County.....			17
Sherman County.....	3	4	3				
Stafford County.....	2	3	6	<b>Total.....</b>	<b>482</b>	<b>570</b>	<b>673</b>
Stevens County.....	7	2		<b>Massachusetts:</b>			
Sumner County.....	6		11	Barnstable County.....		10	14
Thomas County.....	1			Berkshire County.....		138	55
Trego County.....	3	2		Bristol County.....		65	167
Wabaunsee County.....	4	9	1	Essex County.....		180	175
Wallace County.....	5			Franklin County.....		13	22
Washington County.....			2	Hampden County.....		76	145
Wichita County.....			1	Hampshire County.....		18	5
Wilson County.....	1		2	Middlesex County.....		523	506
Woodson County.....	6		1	Norfolk County.....		80	89
Wyandotte County.....	23	17	9	Plymouth County.....		92	56
<b>Total.....</b>	<b>420</b>	<b>335</b>	<b>295</b>	Suffolk County.....		523	562
<b>Louisiana:</b>				Worcester County.....		358	367
Assumption Parish.....	1			County not stated.....	2,084		
Caddo Parish.....	4	2	3	<b>Total.....</b>	<b>2,084</b>	<b>2,076</b>	<b>2,103</b>
Calcasieu Parish.....	1			<b>Michigan:</b>			
Iberia Parish.....			1	Alcona County.....		1	
Jefferson Parish.....			1	Allegan County.....	13	13	16
Morehouse Parish.....			1	Alpena County.....		1	4
Natchitoches Parish.....			1	Antrim County.....	1		
Orleans Parish.....	17	26	32	Arenac County.....			3
Ouachita Parish.....	2			Baraga County.....	1		
Rapides Parish.....	2		2	Barry County.....	16	7	11
Terrebone Parish.....	1			Bay County.....	2	6	7
Washington Parish.....		1		Berrien County.....	37	59	48
<b>Total.....</b>	<b>28</b>	<b>29</b>	<b>41</b>	Branch County.....	3	4	1
<b>Maine:</b>				Calhoun County.....	66	64	54
Androscoggin County.....	8	32	14	Cass County.....	7	15	2
Aroostook County.....	8	8	5	Charlevoix County.....			1
Cumberland County.....	7	13	15	Cheboygan County.....	3		1
Franklin County.....	16	12	5	Chippewa County.....			1
Hancock County.....	10	10	23	Clare County.....		1	
Kennebec County.....	3	1	13	Clinton County.....	5	4	
Knox County.....	4	3	9	Crawford County.....	17	18	30
Lincoln County.....		1	2	Delta County.....	2		1
Oxford County.....	13	7	6	Dickinson County.....	8	30	31
Penobscot County.....	5	10	10	Eaton County.....	8	19	6
Piscataquis County.....	8	1	6	Genesee County.....	37	32	41
Sagadahoc County.....		1	2	Gogebie County.....	32	13	38
Somerset County.....	17	8	7	Grand Traverse County.....	4	1	5
Waldo County.....	1	2	3	Gratiot County.....	6	13	16
Washington County.....	4	2	5	Hillsdale County.....	2	1	3
York County.....	16	5	42	Houghton County.....	16	8	12
<b>Total.....</b>	<b>120</b>	<b>116</b>	<b>167</b>	Huron County.....	12	3	2
<b>Maryland:</b>				Ingham County.....	59	35	51
Allegany County.....	9	4	19	Ionia County.....	9	3	4
Anne Arundel County.....	14	8	7	Iron County.....	2	1	1
Baltimore City.....	242	318	400	Isabella County.....	2	1	2
Baltimore County.....	66	64	84	Jackson County.....	22	23	34
Calvert County.....		13	5	Kalamazoo County.....	30	40	31
Caroline County.....	4	1	1	Kalkaska County.....	2		2
Carroll County.....	17	13	18	Kent County.....	95	54	51
Cecil County.....	15	5	7	Keweenaw County.....	2	1	4
Dorchester County.....	8	4	10	Lake County.....		11	5
Frederick County.....	20	31	34	Lapeer County.....	7	4	1
Garrett County.....	4	10		Leelanau County.....		3	
Harford County.....	12	11	3	Lenawee County.....	10	16	26
Howard County.....		5	7	Livingston County.....	2	2	1
Kent County.....	7	10	10	Macomb County.....	22	21	23
Montgomery County.....	8	7	4	Manistee County.....	2	1	1
				Marquette County.....	4	9	12
				Mason County.....	18	6	7
				Mecosta County.....	1	8	8
				Menominee County.....	1		

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SCARLET FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Michigan—Continued.</b>				<b>Minnesota—Continued.</b>			
Midland County.....	1	2	3	Nicollet County.....	3	5	1
Missaukee County.....	7	4	17	Nobles County.....	1	1	1
Monroe County.....	16	22	29	Norman County.....	8	5	5
Montcalm County.....	4	2	3	Olmsted County.....	5	9	11
Montmorency County.....	66			Otter Tail County.....	20	11	9
Muskegon County.....		123	130	Pennington County.....	9	1	2
Newaygo County.....	37	18	32	Pine County.....	1		
Oakland County.....	102	76	94	Pipestone County.....	1		
Oceana County.....	16	17	20	Polk County.....	35	7	
Ontonagon County.....	2	1		Pope County.....	11	2	
Oscoda County.....	10	3	2	Ramsey County.....	264	276	
Ottawa County.....	35	35	41	Red Lake County.....	1	6	
Presque Isle County.....	2	3	1	Redwood County.....	1		
Saginaw County.....	97	105	220	Renville County.....	17	2	
Saint Clair County.....	29	5	14	Rice County.....	15	6	
Saint Joseph County.....	10	5	3	Roseau County.....	2	2	
Sanilac County.....	21	4	3	St. Louis County.....	54	108	
Shiawassee County.....	19	23	11	Scott County.....	5	5	
Tuscola County.....	15	3	12	Sherburne County.....	6	9	
Van Buren County.....	22	4	1	Sibley County.....	10	2	
Washtenaw County.....	23	22	40	Stearns County.....	9	17	
Wayne County.....	487	466	587	Steele County.....	3	17	
Wexford County.....	8	9	4	Stevens County.....	9	4	
Total.....	1,617	1,510	1,866	Swift County.....	5		
<b>Minnesota:</b>				Todd County.....	3	9	
Aitkin County.....		15	29	Traverse County.....	4	5	
Anoka County.....		3	8	Wabasha County.....	9	10	
Becker County.....		7	2	Wadena County.....	5		
Beltrami County.....		4	8	Waseca County.....	1	1	
Benton County.....		3	5	Washington County.....	24	18	
Big Stone County.....		2	1	Watsonwan County.....	5	8	
Blue Earth County.....			4	Wilkin County.....	4	1	
Brown County.....		15	3	Winona County.....	6	6	
Carlton County.....		17	12	Wright County.....	16	13	
Carver County.....		5		Yellow Medicine County.....	2	9	
Cass County.....		1	12	County not stated.....	1,349		
Chippewa County.....		8	2	Total.....	1,349	1,234	1,186
Chisago County.....		5	7	Mississippi.....	29	25	28
Clay County.....		1	7	<b>Missouri:</b>			
Clearwater County.....		11	10	Adair County.....			1
Cook County.....		5		Andrew County.....	1		2
Crow Wing County.....		1	6	Atchison County.....	1	2	
Dakota County.....		25	16	Audrain County.....		2	1
Dodge County.....		3		Barton County.....	1	5	
Douglas County.....		7	2	Bates County.....	2	2	
Faribault County.....		10	7	Benton County.....	2	5	
Fillmore County.....		1	2	Bollinger County.....	1		
Freeborn County.....		8	11	Boone County.....	2	2	4
Goodhue County.....		30	26	Buchanan County.....	9	13	17
Grant County.....		2	1	Caldwell County.....		1	
Hennepin County.....		298	270	Callaway County.....	1	4	
Houston County.....		6	8	Cape Girardeau County.....	4	3	5
Hubbard County.....		5		Cass County.....	5		
Isanti County.....		6	3	Christian County.....		1	
Itasca County.....		31	18	Chariton County.....	9		1
Jackson County.....		6	4	Clark County.....	6	5	5
Kandiyohi County.....		1	11	Clay County.....	1	1	2
Kittson County.....		3		Cole County.....	6	6	1
Koochiching County.....		4	16	Cooper County.....			1
Lac Qui Parle County.....		18	1	Daviess County.....	3	3	
Lake County.....			6	Dekalb County.....	2	1	1
Lake of the Woods County.....		1		Dent County.....		5	
Le Sueur County.....		10	8	Dunklin County.....			1
Lincoln County.....		1	1	Franklin County.....	2		2
Lyon County.....		3		Gentry County.....	4	3	12
McLeod County.....		19	30	Greene County.....	5	2	4
Mahnomen County.....		1		Grundy County.....	2		1
Marshall County.....			9	Harrison County.....	3	2	1
Martin County.....		17	9	Henry County.....			2
Meeker County.....		6	12	Holt County.....	3		
Millie Laes County.....		5	1	Howard County.....		1	
Morrison County.....		9	2	Howell County.....			1
Mower County.....		19	6	Jackson County.....	61	51	90
Murray County.....		3	1	Jasper County.....	4		1

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SCARLET FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
Missouri—Continued.				Nebraska:			
Jefferson County.....	5	1		Adams County.....	3	1	
Johnson County.....	6	1	3	Antelope County.....	3	24	3
Knox County.....	5		3	Boyd County.....	6		1
Laclede County.....			1	Buffalo County.....	3	1	1
Lafayette County.....	2	3	1	Burt County.....	1	5	8
Lawrence County.....		2	4	Cass County.....	3		3
Lewis County.....	1	8	1	Cedar County.....	2	5	1
Linn County.....		1		Cherry County.....	1	1	
Livingston County.....		5	1	Clay County.....	5	5	3
Macon County.....	5	4	4	Cuming County.....	1		
Maries County.....	1			Custer County.....		1	
Marion County.....	10	13	21	Dawes County.....	1		
Moniteau County.....		9	6	Dixon County.....	2		2
Monroe County.....		1		Dodge County.....	1	5	5
New Madrid County.....		1		Douglas County.....	18	17	8
Nodaway County.....	3	10	4	Dundy County.....	2	2	
Perry County.....		1	5	Fillmore County.....	5	3	2
Pettis County.....	3		1	Gage County.....	1		
Phelps County.....			3	Garden County.....	2		
Pike County.....		2	2	Greeley County.....	1	1	
Platte County.....	3	1	4	Hall County.....		1	
Polk County.....	2	2	2	Harlan County.....	12	2	1
Rails County.....		1	1	Hayes County.....	1		
Randolph County.....	5	21	8	Holt County.....	4	1	
Ray County.....		1	1	Howard County.....		3	2
St. Charles County.....	2	1		Jefferson County.....	5	1	
St. Clair County.....	2			Johnson County.....	14		1
St. Francois County.....	3		6	Knox County.....	24	3	1
St. Louis city.....	264	310	348	Lancaster County.....	7		5
St. Louis County.....	30	54	66	Lincoln County.....	3		
Saline County.....	2		7	Madison County.....	30	25	15
Schuyler County.....	2	1		Merriock County.....	2	1	1
Scotland County.....	1	2	1	Nance County.....			5
Scott County.....		1		Nemaha County.....	4	3	2
Stoddard County.....	1	2		Nuckolls County.....	8		
Sullivan County.....			2	Otoe County.....	5	2	
Vernon County.....				Pawnee County.....	10	10	6
Worth County.....	2		4	Phelps County.....	2		1
Total.....	502	580	665	Pierce County.....		3	
Montana:				Platte County.....			1
Big Horn County.....			1	Polk County.....	5		1
Blaine County.....		3	3	Redwillow County.....	2		
Broadwater County.....		1		Richardson County.....	2		
Carbon County.....		1		Saline County.....	8	4	3
Cascade County.....		22	16	Sarpy County.....	4	2	
Chouteau County.....		5		Saunders County.....	8		3
Custer County.....		1	1	Scotts Bluff County.....	3	2	6
Deerlodge County.....		3	2	Thayer County.....			4
Flathead County.....		3	3	Thurston County.....			14
Gallatin County.....		3	19	Washington County.....	1	3	
Garfield County.....			1	Wayne County.....	1		2
Hill County.....		22	11	Wheeler County.....	1		
Lewis and Clarke County.....		9		Total.....	221	144	110
Lincoln County.....		11	8	Nevada.....			
Missoula County.....		2	1		6	(1)	(1)
Park County.....		3	12	New Jersey:			
Phillips County.....		8	2	Atlantic County.....	20	23	14
Pondera County.....		1		Bergen County.....	77	46	66
Powell County.....		1		Burlington County.....	13	7	10
Ravalli County.....			1	Camden County.....	40	48	51
Rosevelt County.....		2	3	Cumberland County.....		2	4
Rosebud County.....				Essex County.....	153	191	214
Sanders County.....		1	1	Gloucester County.....	12	7	3
Sheridan County.....		9		Hudson County.....	144	168	143
Silver Bow County.....		11	15	Hunterdon County.....	24	11	16
Sweet Grass County.....			1	Mercer County.....	46	48	36
Teton County.....			1	Middlesex County.....	32	21	21
Toole County.....			1	Monmouth County.....	25	13	26
Valley County.....		3	1	Morris County.....	6	4	7
Yellowstone County.....		6	2	Ocean County.....		1	6
County not stated.....	155			Passaic County.....	69	86	67
Total.....	155	131	107	Salem County.....	4	4	13
				Somerset County.....	12	31	35
				Sussex County.....	8	12	3

<sup>1</sup> Reports for months of February and March not received at time of going to press.



## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SCARLET FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>New Jersey—Continued.</b>				<b>New York—Continued.</b>			
Union County.....	57	51	66	Steuben County.....		10	12
Warren County.....	4	2	9	Suffolk County.....		18	17
Total.....	746	776	810	Sullivan County.....			2
<b>New Mexico:</b>				Tioga County.....		24	13
Bernalillo County.....	4	3	1	Tompkins County.....		11	10
Chaves County.....	5	4		Ulster County.....		19	19
Colfax County.....	5	3	1	Warren County.....		1	10
Curry County.....	1	1		Washington County.....		6	3
Dona Ana County.....	3	5	11	Wayne County.....		1	11
Eddy County.....	3	5	1	Westchester County.....		61	88
Grant County.....	5	3	1	Wyoming County.....		1	
Guadalupe County.....	1	2		Yates County.....		9	13
Luna County.....	1	6	1	Place not stated.....	2,755		
McKinley County.....	3		4	Total.....	2,755	2,760	3,121
Mora County.....			2	<b>North Carolina:</b>			
Otero County.....		6		Alexander County.....		4	5
Quay County.....	4	6	2	Alleghany County.....			1
Roosevelt County.....			3	Anson County.....		1	1
Sandoval County.....		1		Ashe County.....		1	
San Juan County.....	2			Bertie County.....			1
San Miguel County.....			1	Buncombe County.....		20	14
Santa Fe County.....	1	2		Cabarrus County.....		2	2
Torrance County.....			1	Catawba County.....		2	5
Union County.....		1	6	Chatham County.....		1	
Total.....	38	48	35	Cherokee County.....		2	
<b>New York:</b>				Cumberland County.....			1
Albany County.....		72	62	Davidson County.....		1	2
Allegany County.....		20	30	Durham County.....		1	
Broome County.....		99	123	Edgecombe County.....		2	1
Cattaraugus County.....		24	42	Forsyth County.....		57	99
Cayuga County.....		5	11	Gaston County.....		8	5
Chautauqua County.....		91	128	Granville County.....		1	
Chemung County.....		23	17	Guilford County.....		4	12
Chenango County.....		14	15	Halifax County.....		2	1
Clinton County.....		4	10	Haywood County.....			1
Columbia County.....		1	22	Hoke County.....		1	
Cortland County.....		2	7	Iredell County.....		4	
Delaware County.....		11	2	Johnston County.....		3	2
Dutchess County.....		126	159	Lenoir County.....		1	1
Erie County.....		163	168	Lincoln County.....		3	
Essex County.....		2	1	McDowell County.....		4	1
Franklin County.....		11	2	Madison County.....		1	
Fulton County.....		5	5	Martin County.....			4
Genesee County.....		4	6	Mecklenburg County.....		3	3
Greene County.....		5	1	Montgomery County.....		1	
Herkimer County.....		23	17	Moore County.....		2	
Jefferson County.....		11	13	Nash County.....		4	3
Lewis County.....			1	New Hanover County.....		2	
Livingston County.....		12	13	Northampton County.....		2	
Madison County.....		6	15	Orange County.....		1	
Monroe County.....		85	100	Pitt County.....		5	1
Montgomery County.....		15	14	Randolph County.....		1	1
Nassau County.....		76	58	Richmond County.....		5	1
New York City.....	1,017		1,163	Rockingham County.....		2	5
Niagara County.....		63	55	Rowan County.....			2
Oneida County.....		46	79	Rutherford County.....		2	
Onondaga County.....		368	287	Sampson County.....		1	6
Ontario County.....		7	6	Stanly County.....		2	1
Orange County.....		32	50	Stokes County.....			1
Orleans County.....		16	8	Surry County.....		4	4
Oswego County.....		12	12	Swaine County.....			3
Otsego County.....		12	8	Union County.....		1	2
Putnam County.....		3	5	Vance County.....		3	4
Rensselaer County.....		21	46	Wake County.....		5	3
Rockland County.....		4	3	Wayne County.....		2	1
St. Lawrence County.....		1	32	Wilkes County.....			1
Saratoga County.....		1	12	Wilson County.....		10	4
Schenectady County.....		84	104	Yadkin County.....			5
Schoharie County.....			1	Yancey County.....		1	
Schuyler County.....		1	5	County not stated.....	245		
Seneca County.....		1	5	Total.....	245	185	209

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SCARLET FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
North Dakota:				Ohio—Continued.			
Adams County.....		3	1	Guernsey County.....		17	11
Barnes County.....		12	14	Hamilton County.....		78	49
Benson County.....		9	7	Hancock County.....		38	25
Bottineau County.....		1	7	Hardin County.....		1	2
Burke County.....			5	Harrison County.....		2	2
Burleigh County.....		15	15	Henry County.....		2	2
Cass County.....		13	18	Highland County.....		1	2
Cavalier County.....		2	2	Hocking County.....		4	2
Dickey County.....			1	Holmes County.....		12	18
Divide County.....		2	4	Huron County.....		6	6
Dunn County.....			2	Jefferson County.....		22	17
Eddy County.....		3		Lake County.....		3	4
Emmons County.....		8	23	Lawrence County.....		3	1
Foster County.....		1		Licking County.....		18	18
Golden Valley County.....		3	7	Logan County.....			7
Grand Forks County.....		15	7	Lorain County.....		104	95
Grant County.....		2	1	Lucas County.....		180	136
Hettinger County.....		2	9	Madison County.....		15	6
Kidder County.....			8	Mahoning County.....		87	79
La Moure County.....		6	18	Marion County.....		2	4
Logan County.....		7	6	Medina County.....		3	5
McHenry County.....		26	23	Meigs County.....		3	1
McIntosh County.....			13	Mercer County.....		3	5
McLean County.....			2	Miami County.....		7	6
Mercer County.....			4	Monroe County.....		8	6
Morton County.....		4	5	Montgomery County.....		36	33
Mountrail County.....		18	7	Morgan County.....		4	3
Nelson County.....		6	9	Morrow County.....		2	2
Pembina County.....		6	18	Muskingum County.....		8	18
Pierce County.....			1	Noble County.....		1	3
Ramsey County.....		6	1	Ottawa County.....		11	10
Ransom County.....		1	4	Paulding County.....			4
Renville County.....		4		Perry County.....		4	4
Richland County.....		1	2	Pickaway County.....		4	1
Rolette County.....			2	Portage County.....		25	9
Sargent County.....		7		Preble County.....		27	18
Stark County.....		4	3	Putnam County.....		12	18
Steele County.....		2		Richland County.....		7	2
Stutsman County.....			19	Ross County.....		8	4
Traill County.....			1	Sandusky County.....		35	25
Walsh County.....		14	15	Scioto County.....			6
Ward County.....		20	7	Seneca County.....		32	24
Wells County.....		1	1	Shelby County.....		8	1
Williams County.....		7		Stark County.....		71	78
County not stated.....	225			Summit County.....		40	52
<b>Total.....</b>	<b>225</b>	<b>231</b>	<b>292</b>	Trumbull County.....		25	20
<b>Ohio:</b>				Tuscarawas County.....		10	13
Adams County.....			3	Union County.....		4	3
Allen County.....		13	24	Van Wert County.....		12	7
Ashland County.....		39	34	Warren County.....		16	11
Ashtabula County.....		10	24	Washington County.....		5	1
Athens County.....		8	13	Wayne County.....		29	19
Auglaize County.....		11	6	Wood County.....		40	54
Belmont County.....		15	20	Wyandot County.....		9	1
Brown County.....		4	1	County not stated.....	1,792		
Butler County.....		11	9	<b>Total.....</b>	<b>1,792</b>	<b>1,751</b>	<b>1,636</b>
Carroll County.....		7	1	<b>Oklahoma.....</b>	<b>59</b>	<b>(1)</b>	<b>97</b>
Champaign County.....		8	3	<b>Oregon:</b>			
Clark County.....		105	120	Benton County.....		1	2
Clinton County.....		15	4	Clackamas County.....		10	3
Columbiana County.....		121	99	Cos County.....		1	1
Coshocton County.....		2	1	Deschutes County.....		12	
Crawford County.....		1	1	Douglas County.....			2
Cuyahoga County.....		99	112	Josephine County.....		2	3
Darke County.....		5	19	Lane County.....		5	1
Defiance County.....		20	28	Linn County.....		1	3
Delaware County.....		3	17	Malheur County.....			2
Eric County.....		32	12	Marion County.....		6	3
Fairfield County.....		8	9	Multnomah County.....		25	22
Fayette County.....		23	25	Polk County.....		5	2
Franklin County.....		72	77	Tillamook County.....		1	
Fulton County.....		5	7	Umatilla County.....		3	
Geauga County.....		3	7	Union County.....		21	11
Greene County.....		7	3				

<sup>1</sup> Report for February not received at time of going to press.

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SCARLET FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
Oregon—Continued.				South Dakota—Continued.			
Wallowa County.....		12	5	Tripp County.....		16	4
Wasco County.....			2	Turner County.....		4	8
Washington County.....		6	2	Union County.....		1	1
Wheeler County.....			1	Walworth County.....		1	
Yamhill County.....			1	Yankton County.....			1
County not stated.....	101			County not stated.....	323		
Total.....	101	111	66	Total.....	323	275	250
Pennsylvania.....	2, 210	2, 208	2, 154	Tennessee.....	41	52	53
Rhode Island:				Utah:			
Bristol County.....		4	7	Box Elder County.....	6	4	
Kent County.....		20	16	Cache County.....	1	2	
Newport County.....		12	15	Carbon County.....	2	4	
Providence County.....		367	418	Davis County.....	3		
Washington County.....		7	29	Emery County.....	2	2	
County not stated.....	432			Juab County.....	1		
Total.....	432	410	485	Millard County.....		2	
South Carolina:				Morgan County.....	5		
Charleston County.....			7	Salt Lake County.....	10	9	
Darlington County.....			2	Sanpete County.....	4	1	
Greenville County.....			3	Sevier County.....	11	7	
Oconee County.....			2	Tooele County.....		2	
Spartanburg County.....			1	Utah County.....	3	3	
County not stated.....	22			Wasatch County.....	7	10	
Total.....	22		15	Weber County.....	19	11	
South Dakota:				Total.....	74	57	(1)
Aurora County.....		3		Vermont.....	65	82	51
Beadle County.....		12	13	Virginia:			
Ben Homme County.....		1	1	Accomac County.....			1
Brown County.....		31	17	Albemarle County.....		1	1
Brule County.....		2	1	Alexandria (City).....		2	2
Butte County.....		8		Alleghany County.....		16	6
Campbell County.....			19	Arlington County.....		6	9
Charles Mix County.....		19	8	Augusta County.....		16	7
Clark County.....		5	5	Bedford County.....			16
Codington County.....		3	5	Botetourt County.....		2	
Custer County.....		7		Campbell County.....		1	6
Davison County.....		10	7	Carroll County.....		6	3
Day County.....		6	12	Clarke County.....		3	10
Deuel County.....		4	1	Culpeper County.....		1	3
Dewey County.....			10	Danville (City).....		5	2
Douglas County.....		2	3	Elizabeth City County.....		1	2
Edmunds County.....		9	3	Fairfax County.....		2	2
Fall River County.....			4	Fauquier County.....		6	2
Faulk County.....		9	9	Franklin County.....		4	2
Grant County.....		3	1	Frederick County.....		28	42
Gregory County.....			3	Grayson County.....		3	2
Haakon County.....		4		Greene County.....		3	
Hamlin County.....		4		Henrico County.....		1	
Hand County.....		4	12	Henry County.....			2
Hughes County.....		2		King and Queen County.....		2	
Jackson County.....		9	5	Lancaster County.....			3
Jerauld County.....		1		Lunenburg County.....		1	
Jones County.....				Lynchburg (City).....			4
Kingsbury County.....		5		Madison County.....		1	1
Lake County.....		17	18	Mecklenburg County.....		1	
Lawrence County.....		13	10	Montgomery County.....			1
Lincoln County.....		4		Nansemond County.....		1	
McPherson County.....		3		Nelson County.....		3	
Marshall County.....			2	Newport News (City).....		5	
Meade County.....		1		Norfolk (City).....		4	6
Miner County.....		3	3	Nottaway County.....		3	
Minnehaha County.....		13	5	Page County.....		1	8
Moody County.....		1	1	Patrick County.....			8
Pennington County.....		5	7	Petersburg (City).....			1
Perkins County.....		5	2	Pittsylvania County.....		4	2
Potter County.....		5		Portsmouth (City).....			3
Sanborn County.....		5		Powhatan County.....		1	
Spink County.....		11	11	Richmond (City).....		12	15
				Roanoke (City).....		7	9

<sup>1</sup>Report for March not received at time of going to press.

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SCARLET FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
Virginia—Continued.				West Virginia—Continued.			
Rockbridge County		3		Lewis County	5	2	
Rockingham County		8	7	Logan County	19	3	
Russell County		1		McDowell County	2	1	
Scott County			4	Marion County	6	8	12
Shenandoah County		11		Marshall County	5	6	3
Smyth County		3	1	Mercer County	2	1	9
Southampton County		1	2	Mineral County	2	3	6
Staunton (City)		1	3	Monongalia County	8	8	12
Sussex County		1		Monroe County	4		
Tazewell County		6	7	Morgan County	1		
Warren County		8	3	Nicholas County			1
Washington County		4	3	Ohio County	25	27	15
Westmoreland County		7	4	Pendleton County	3		
Wise County		1		Preston County	7	8	16
Wythe County		5	1	Raleigh County			1
County not stated	290			Randolph County	3	3	8
Total	290	213	217	Ritchie County	5		
Washington:				Summers County	3		2
Adams County		4	1	Taylor County	2	4	4
Benton County			2	Tucker County	8		
Clarke County		3	12	Tyler County	2		3
Columbia County			2	Upshur County	2	2	8
Cowlitz County		3	3	Webster County	3		
Douglas County		1		Wirt County	3		6
Ferry County		1	2	Wood County	3	4	5
Franklin County			1	Total	183	132	172
Garfield County		4	1	Wisconsin:			
Grant County		1		Ashland County		6	17
Grays Harbor County		1	2	Barron County		5	4
Jefferson County			2	Bayfield County		51	21
King County—				Brown County		46	30
Seattle		64	39	Buffalo County		1	
Scattering		20	14	Burnett County		1	1
Kittitas County		3	7	Calumet County		2	9
Klickitat County		3	1	Chippewa County		61	13
Lewis County			2	Clark County		56	5
Lincoln County		1	13	Columbia County		9	34
Mason County			1	Crawford County		20	28
Okanogan County		3	1	Dane County		31	32
Pierce County—				Dodge County		7	18
Tacoma		9	18	Door County		12	21
Scattering		10	4	Douglas County		3	22
Skagit County		10	1	Dunn County		4	13
Snobomish County		3	4	Eau Claire County		59	56
Spokane County—				Florence County		12	12
Spokane		64	81	Fond du Lac County		66	66
Scattering		12	9	Forest County		2	
Stevens County		5		Grant County		5	11
Thurston County			14	Green County		17	19
Walla Walla County			1	Green Lake County		18	18
Whatcom County		3	3	Iowa County		8	21
Whitman County		8	5	Iron County			4
Yakima County		4	18	Jackson County		6	8
County not stated	323			Jefferson County		3	22
Total	323	239	264	Juneau County		4	2
West Virginia:				Kenosha County		11	30
Barbour County	2		10	Keweenaw County		2	3
Berkeley County	1	3	1	La Crosse County		7	15
Braxton County	6	2		Lafayette County		7	3
Brooke County	9	7	12	Langlade County		11	13
Cabell County	1	1		Lincoln County		17	30
Doddridge County	1	1	14	Manitowoc County		18	6
Fayette County	1	1		Marathon County		47	95
Gilmer County		1		Marquette County		25	7
Grant County	1			Marquette County		5	6
Greenbrier County	2	2		Milwaukee County		155	161
Hampshire County	4		2	Monroe County		15	11
Hancock County	6	4	1	Oconto County		4	4
Hardy County	1			Oneida County		1	2
Harrison County	18	21	18	Outagamie County		6	25
Jefferson County	2			Ozaukee County		1	2
Kanawha County	5	5	3	Pepin County		1	
				Pierce County			2
				Polk County		2	

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SCARLET FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
Wisconsin—Continued.				Wisconsin—Continued.			
Portage County.....		55	38	Wood County.....		10	7
Price County.....		16	12	County not stated.....	1,375		
Racine County.....		126	97	Total.....	1,375	1,357	1,414
Richland County.....		19	19				
Rock County.....		30	29	Wyoming:			
Rusk County.....		2	2	Big Horn County.....		1	
St. Croix County.....		9	11	Campbell County.....		3	3
Sauk County.....		9	15	Carbon County.....			1
Sawyer County.....			2	Converse County.....			1
Shawano County.....		6	5	Crook County.....			1
Sheboygan County.....		132	110	Johnson County.....		1	1
Taylor County.....		15	7	Laramie County.....		2	
Trempealeau County.....		15	19	Natrona County.....		10	13
Vernon County.....			2	Niobrara County.....			1
Vilas County.....			18	Platte County.....		3	1
Walworth County.....		15	25	Sheridan County.....			1
Washburn County.....		7	4	Uinta County.....		1	
Washington County.....		2	4	County not stated.....			
Waukesha County.....		21	20	Total.....	53	21	23
Waupaca County.....		10	13				
Waushara County.....		5	18				
Winnebago County.....		3	15				

## SMALLPOX.

Alabama:				Arkansas:			
Autauga County.....	7	2		Benton County.....	2		1
Baldwin County.....		1		Chicot County.....	1		
Bibb County.....	3	1	7	Clark County.....	1	9	
Calhoun County.....		2	8	Cleveland County.....	2		
Chambers County.....	3	8	5	Columbia County.....	1	1	1
Cherokee County.....	8	1	1	Conway County.....	6	9	1
Choctaw County.....		2	1	Cross County.....			2
Clarke County.....			3	Faulkner County.....	1		1
Clay County.....			4	Franklin County.....	1		
Cleburne County.....	(1)	4	2	Garland County.....			1
Cullman County.....	1	1		Grant County.....		4	
Dekalb County.....	1	9	1	Greene County.....			1
Dallas County.....	9	4		Independence County.....	2		
Elmore County.....	8		2	Lee County.....	1		
Etowah County.....		4	6	Miller County.....			1
Geneva County.....			1	Mississippi County.....	6		
Hale County.....		4		Monroe County.....	1		
Houston County.....		1	5	Ouachita County.....	1	3	10
Jackson County.....	2			Perry County.....			3
Jefferson County.....	28	53	115	Phillips County.....			4
Lamar County.....	5	9	1	Pulaski County.....		3	2
Madison County.....			2	St. Francis County.....			1
Marengo County.....			11	Sebastian County.....		1	
Marshall County.....		1		Sharp County.....		1	
Mobile County.....		1	2	Union County.....	24	18	8
Montgomery County.....		1	2	Washington County.....	1	1	
Morgan County.....	1			Yell County.....		1	
Pike County.....			4	Total.....	50	51	37
Randolph County.....	1	2	1				
St. Clair County.....		1		California:			
Shelby County.....		1	4	Alameda County.....	1		3
Sumter County.....		3	6	Calaveras County.....			1
Tallapoosa County.....	4	9	4	Butte County.....		3	
Tuscaloosa County.....	5		15	El Dorado County.....	1	1	
Walker County.....	1	2	1	Fresno County.....	1		
Winston County.....		1	4	Humboldt County.....			1
Total.....	192	128	218	Imperial County.....	1	1	1
Arizona:				Inyo County.....	2		1
Maricopa County.....	7	3	6	Kern County.....		7	11
Yavapai County.....		1		Kings County.....	4		1
Total.....	7	4	6	Lake County.....	1		
				Lassen County.....			1

<sup>1</sup> An outbreak of smallpox occurred during January in Cleburne County. Over or about 100 cases found, no deaths.



## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SMALLPOX—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
California—Continued.				Florida—Continued.			
Los Angeles County—				Leon County.....	10	1	1
Alhambra.....	8	10	11	Liberty County.....	1		
Avalon.....	9	17		Orange County.....		4	
Compton.....	57	50	20	Palm Beach County.....	2		1
El Segundo.....	15	7	5	Polk County.....			2
Hermosa Beach.....	3	16	23	Wakulla County.....	1		1
Huntington Park.....	18	31	15	Total.....	37	19	11
Long Beach.....	145	178	101	Georgia.....	293	424	583
Los Angeles.....	654	483	410	Hawaii:			
Manhattan Beach.....	4	12		Onahu.....	2	1	
Pasadena.....	22	47	27	Idaho:			
Pomona.....	46	39	2	Ada County.....	2	4	6
Santa Monica.....	17	26	8	Benewah County.....			1
Watts.....	2	15	23	Bonner County.....			1
Scattering.....	335	298	246	Kootenai County.....	10	2	
Madera County.....		1	2	Total.....	12	6	8
Marin County.....	1			Illinois:			
Orange County—				Adams County.....	1		1
Fullerton.....	8	35	33	Alexander County.....	1		2
Huntington Beach.....	4		14	Carroll County.....	1		
Scattering.....	12	36	39	Cass County.....			1
Riverside County.....	12	17	8	Christian County.....			1
Sacramento County.....	6		4	Cook County.....	17	20	62
San Bernardino County—				Cumberland County.....			1
Ontario.....	10	6	14	Du Page County.....	1		
Redlands.....	1		11	Fulton County.....	1		
San Bernardino.....	9	29	23	Henry County.....			2
Scattering.....	11	15	48	Jackson County.....	4	2	3
San Diego County—				Johnson County.....			1
National City.....		20	15	Kane County.....		1	
Scattering.....	3	15	13	Lake County.....		1	
San Francisco County.....	4	6	4	Lawrence County.....		1	
San Luis Obispo County.....		8	17	Macon County.....			2
Santa Barbara County.....		1	2	Madison County.....			1
Santa Clara County.....	1			McLean County.....	1		
Shasta County.....	1			Mercer County.....	1		
Siskiyou County.....	3	2		Peoria County.....	1		3
Stanislaus County.....			1	Perry County.....	1		
Tulare County.....		1	3	Platt County.....		1	1
Ventura County.....	8	3	2	Rock Island County.....	1	3	3
Yuba County.....	3			St. Clair County.....		1	
Total.....	1,442	1,436	1,196	Sangamon County.....	1	1	1
Colorado:				Tazewell County.....	1		
Adams County.....	4			Vermilion County.....	1	1	1
El Paso County.....		1		Whiteside County.....	2	3	7
Fremont County.....		1		Will County.....		2	2
Garfield County.....		1		Woodford County.....	2		
Larimer County.....	1		6	Total.....	37	46	95
Las Animas County.....	3			Indiana:			
Mesa County.....			3	Adams County.....	1		2
Phillips County.....			2	Allen County.....	17	5	11
Yuma County.....	5	3		Benton County.....		4	
Total.....	13	6	11	Bartholomew County.....			4
Connecticut:				Blackford County.....		1	
Fairfield County.....	1			Cass County.....	2		21
Hartford County—				Crawford County.....	1	1	2
New Britain.....	1	7	28	Daviess County.....			1
Hartford.....			1	Dearborn County.....			2
Total.....	2	7	29	Decatur County.....		2	
Delaware:				De Kalb County.....		1	2
Harrington County.....		1		Delaware County.....	103	64	52
Distriet of Columbia.....	18	25	40	Elkhart County.....	3	2	35
Florida:				Fayette County.....	5	5	2
Alachua County.....		2		Floyd County.....			2
Bradford County.....	2			Fountain County.....	1		3
Brevard County.....	1			Grant County.....	29	12	17
Dade County.....			2	Hamilton County.....			6
Duval County.....	12	9	1	Harrison County.....			16
Gadsden County.....	8	3	3	Hendricks County.....		5	4

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SMALLPOX—Continued.

Place.	New cases reported			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Indiana—Continued.</b>				<b>Kansas—Continued.</b>			
Henry County		1	1	Kingman County		2	2
Howard County		1	1	Labette County		1	1
Huntington County			1	Lyon County—			
Jackson County	1	8	23	Emporia	1	12	23
Jasper County	5			Scattering	4	1	8
Jay County		12	21	Marion County			1
Jennings County	1			McPherson County—			
Johnson County	1	1	3	McPherson	2	16	16
Knox County	1	1		Scattering	2	4	7
Lake County	32	17	20	Meade County	1		
Laporte County	16		4	Montgomery County—			
Madison County	16	6	17	Independence	8	35	7
Marion County	43	121	186	Scattering	6		2
Marshall County	8	11	9	Morris County	1		
Miami County	1	1		Nemaha County		1	1
Monroe County			3	Reno County	3	2	1
Montgomery County		1		Republic County			1
Noble County			1	Rice County			1
Perry County			1	Scott County	5		
Porter County	1			Sedgwick County—			
Pulaski County			2	Wichita	33	30	75
Randolph County	4	7	4	Scattering		3	3
Rush County	1	25	23	Seward County—			
St. Joseph County	13	8	10	Liberal	6	37	19
Shelby County	1	1	1	Shawnee County		2	2
Spencer County	3			Sherman County	1		
Starke County	31	13	1	Smith County			2
Steuben County	19	25	1	Sumner County	4	6	4
Sullivan County	1			Thomas County		1	
Tipton County		2	1	Wilson County		2	
Union County			1	Wyandotte County	2		5
Wabash County	1			Total	119	194	215
Washington County		1		<b>Louisiana:</b>			
Wayne County	1	8	9	Avoyelles Parish		1	7
Weills County	3	1		Bienville Parish			1
White County	1			Caldwell Parish	2		
Total	367	374	526	Caddo Parish	24	36	16
<b>Iowa:</b>				Claiborne Parish			6
Bremer County	1			Concordia Parish	1		
Buchanan County	1		6	De Soto Parish	3	1	7
Butler County	3	2		East Baton Rouge			
Cerro Gordo County		1		Parish			2
Clay County			4	East Feliciana Parish			1
Clinton County	11	14	15	Franklin Parish		1	
Fayette County		1	1	Grant Parish	10		
Iowa County			1	Iberville Parish			3
Jackson County		1		Jackson Parish			1
Jasper County	2			Lincoln Parish		1	
Johnson County	1			Morehouse Parish		1	
Linn County			4	Natchitoches Parish		8	1
Muscatine County		1		Orleans Parish	2	2	
Page County		1		Ouachita Parish	22	24	7
Polk County	10	8	7	Rapides Parish		1	2
Pottawattamie County	3			Richland Parish	4		
Scott County	20	13	28	Saint Landry Parish			25
Total	52	42	66	Union Parish			3
<b>Kansas:</b>				Vernon Parish	1		1
Barber County			1	Webster Parish			2
Butler County	4	8	17	West Baton Rouge Par-			1
Cherokee County			3	ish			
Coffey County		1	1	Winn Parish	1	4	
Comanche County	1			Total	70	80	86
Cowley County	8	3		<b>Maine:</b>			
Crawford County	2	4	5	Aroostook County			2
Dickinson County	1			Penobscot County			2
Douglas County	2			Total			4
Gray County	1			<b>Maryland:</b>			
Greenwood County	1	1	1	Baltimore City	2	3	5
Harper County			1	Baltimore County	1		
Harvey County—				Charles County			8
Newton	19	22	5				
Scattering	1						

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SMALLPOX—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Maryland—Continued.</b>				<b>Minnesota—Continued.</b>			
Harford County			3	Freeborn County	1		
Prince Georges County			8	Hennepin County	20	13	16
<b>Total</b>	<b>3</b>	<b>3</b>	<b>24</b>	Isanti County	1	1	9
<b>Massachusetts:</b>				Koochiching County	12	4	4
Bristol County	1	2	1	Lake County		4	10
Hampden County	1			Le Sueur County	4	3	3
<b>Total</b>	<b>2</b>	<b>2</b>	<b>1</b>	Lincoln County	2	12	5
<b>Michigan:</b>				Mahnomen County	2		
Allegan County	3	1	4	Martin County		2	17
Antrim County	8	6	4	Morrison County	5		
Barry County		1		Mower County		1	
Berrien County	6	7	8	Nicollet County			2
Branch County	2			Otter Tail County			2
Calhoun County	19	28	24	Pennington County			1
Cass County	4	12	2	Polk County	8	28	19
Charlevoix County	3	2	2	Ramsey County	91	129	117
Clinton County	6	2	1	Renville County	3	3	1
Delta County	1			Saint Louis County	53	60	88
Eaton County	37	11	10	Sherburne County	2		
Emmet County	3	5	1	Stearns County	5		
Genesee County	8	8	15	Todd County	7	2	2
Gogebic County	1	2		Wabasha County	3		
Grand Traverse County			6	Winona County		1	
Hillsdale County	15	10	4	Wright County	1		
Houghton County			5	<b>Total</b>	<b>242</b>	<b>277</b>	<b>340</b>
Huron County		26	41	<b>Mississippi:</b>			
Ingham County	29	13	20	Adams County		1	8
Ionia County			1	Bolivar County		2	1
Isabella County		1	1	Carroll County	1		
Jackson County	36	26	23	Clarke County	1		4
Kalamazoo County	11	12	14	Coahoma County		2	1
Kalkaska County			1	De Soto County			1
Kent County	17	9	8	Forrest County		1	1
Lapeer County		9	5	Franklin County			2
Leelanau County			1	Grenada County		25	
Lenawee County	23	16	43	Hinds County	1	1	
Livingston County	2			Humphreys County			1
Macomb County	4	3		Issaquena County		20	
Marquette County			4	Jones County		1	
Necosta County	9			Kemper County		1	4
Midland County		1		Lauderdale County	5	23	12
Monroe County	4			Lee County			1
Montcalm County		1	1	Leflore County		12	1
Oakland County	20	15	45	Lowndes County		1	1
Oceana County			2	Montgomery County	5		
Ontonagon County	3	6		Neshoba County			5
Ottawa County	80	15	2	Nesubee County	1		
Saginaw County	1	11	7	Oktibbeha County		1	
Saint Clair County	3	8	7	Panola County	2		
Saint Joseph County		3	3	Sunflower County			1
Sanilac County	17	7	4	Tallahatchie County	1		
Shiawassee County	9	5	29	Tate County			1
Tuscola County	1	1		Warren County	1	4	2
Van Buren County	2			Washington County		1	1
Washtenaw County	6		9	Wayne County	2	4	
Wayne County	180	265	403	Weber County		1	
<b>Total</b>	<b>543</b>	<b>549</b>	<b>760</b>	Yalobusha County		1	
<b>Minnesota:</b>				<b>Total</b>	<b>20</b>	<b>102</b>	<b>49</b>
Aitken County	1	5	8	<b>Missouri:</b>			
Benton County	1			Andrain County	1		
Blue Earth County				Buchanan County		1	
Carlton County	8	1	21	Callaway County	1		
Chisago County		1	1	Camden County			6
Clay County	2	6	4	Cape Girardeau County		1	
Carver County			1	Clark County			34
Cass County			1	Cole County		3	6
Clearwater County	2			Gasconade County		2	1
Crow Wing County	6			Gentry County	1	1	3
Dakota County		2		Harrison County		1	1
Douglas County	1	2		Jackson County			3
Faribault County	1			Johnson County		1	
				Lewis County			79
				Macon County	6		1

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SMALLPOX—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
Missouri—Continued.				New Mexico:			
Marion County.....		1		Eddy County.....	2	1	2
Miller County.....		1		Mora County.....	1		
Mississippi County.....	1			Otero County.....		4	3
Morgan County.....		1		Union County.....			1
Newton County.....	4			Total.....	3	5	6
Nodaway County.....			1				
Pemiscot County.....		2		New York:			
Polk County.....	2	1	12	Albany County—			
Ripley County.....		7	10	Albany.....	4	27	4
Saint Francois County.....	4		1	Watervliet.....	1		
Saint Louis City.....	4	11	19	Cattaraugus County.....	1		
Saint Louis County.....			9	Chautauqua County—			
Scott County.....	4	5	33	Dunkirk.....	2	14	16
Springfield County.....	1			Scatterling.....			6
Stoddard County.....	2	12	11	Cllaton County.....		6	
Stone County.....	1			Erie County.....	1		1
Sullivan County.....	1			New York City.....	1		
Total.....	33	51	231	Onondaga County.....			1
Montana:				Orange County.....	3		
Beaverhead County.....	6			Rensselaer County.....	4	2	1
Blaine County.....			2	Schenectady County.....			7
Carbon County.....	2	3		Steuben County.....	3		
Cascade County.....	1	1	5	Ulster County.....			1
Choteau County.....		3		Total.....	24	49	37
Dawson County.....	3		1				
Deer Lodge County.....			6	North Carolina:			
Fergus County.....	1			Alamance County.....	7		
Flathead County—				Anson County.....	9		
Kalispell.....	11	9	3	Beaufort County.....	2		
Scatterling.....	22	11	3	Bladen County.....	6		
Glacier County.....	2	2		Cabarrus County.....	9		
Hill County—				Caldwell County.....	5		
Havre.....	11		4	Catawba County.....	19		
Havre R. F. D.....		1		Cleveland County.....	6		
Lake County—				Cumberland County.....	6		
Poison.....	6	6	12	Davidson County.....	15		
Swan Lake.....			1	Durham County.....	6		
Lewis and Clarke				Forsyth County.....	11		
County.....			7	Franklin County.....	6		
Lincoln County.....		2	1	Gaston County.....	46		
Madison County.....	1			Greene County.....	1		
Mineral County.....	13	16		Guilford County.....	51		
Missoula County.....	8	7	11	Harnett County.....	2		
Musselshell County.....	2			Haywood County.....	2		
Phillips County.....			9	Iredell County.....	5		
Ravalli County.....		1	4	Jackson County.....	8		
Richland County.....	4			Lincoln County.....	8		
Sanders County.....	7	3		McDowell County.....	3		
Silver County—				Mecklenburg County.....	132		
Butte.....	94	28	24	Montgomery County.....	13		
Butte R. F. D.....	9	12	16	Nash County.....	1		
Teale County.....		1		Person County.....	26		
Valley County.....	2			Pitt County.....	7		
Wheatland County.....	6	1		Polk County.....	2		
Yellowstone County.....	1	1	2	Randolph County.....	6		
Total.....	212	108	111	Richmond County.....	36		
Nevada.....	1			Robeson County.....	1		
New Jersey:				Rockingham County.....	28		
Atlantic County.....		3		Rowan County.....	5		
Camden County.....	56	4	3	Rutherford County.....	3		
Essex County.....	8	1		Scotland County.....	5		
Gloucester County.....	3			Stanly County.....	11		
Hudson County.....			1	Surry County.....	18		
Mercer County.....			2	Swain County.....	1		
Middlesex County.....			1	Union County.....	18		
Monmouth County.....	1			Wake County.....	8		
Sussex County.....	6	1		Wayne County.....	11		
Union County.....	27	5	34	Wilson County.....	2		
Total.....	101	14	41	Yadkin County.....	2		
				County not stated.....		686	638
				Total.....	560	686	638

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SMALLPOX—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>North Dakota:</b>				<b>Ohio—Continued.</b>			
Burleigh County.....		1	1	Warren County.....	10	5	3
Cavalier County.....	18	2	2	Washington County.....	44	30	27
Dickey County.....			1	Williams County.....	3	12	20
Divide County.....		1		Wood County.....			
Dunn County.....	2	4	4	Total.....	401	514	741
Grand Forks County.....		4					
Grant County.....			1	<b>Oklahoma:</b>			
Hebron County.....			1	Caddo County.....	1		
Hettinger County.....	7	7	6	Canadian County.....	1		
La Moure County.....		1	2	Choctaw County.....	1		
Logan County.....	1			Comanche County.....	2		
McKenzie County.....		2		Cotton County.....	1		
McLean County.....			1	Custer County.....	6		
Pembina County.....	10	4	1	Delaware County.....	10		
Ramsey County.....	1		2	Garvin County.....	20		
Slope County.....			1	Jackson County.....	31		
Stark County.....		2	1	Kingfisher County.....	4		
Traill County.....	1	5		Kiowa County.....	130		
Walsh County.....	4	8	12	Lincoln County.....	8		
Wells County.....		1	2	Logan County.....	8		
Total.....	44	42	38	McCurtain County.....	1		
<b>Ohio:</b>				Mayes County.....	17		
Allen County.....	9	27	17	Seminole County.....	1		
Athens County.....		1	2	Tillman County.....	4		
Auglaize County.....	2		2	Tulsa County.....	9		
Belmont County.....			20	Wagoner County.....	76		
Butler County.....	15	30	15	Washington County.....	1		
Carroll County.....		1		Woods County.....	2		
Champaign County.....	1			County not stated.....			267
Columbiana County.....			2	Total.....	334	(1)	267
Coshocton County.....	5	10	1				
Cuyahoga County.....	10	37	48	<b>Oregon:</b>			
Darke County.....			13	Clackamas County.....	4	2	7
Defiance County.....	15	28	24	Coos County.....	3		1
Erie County.....		2		Jackson County.....			4
Franklin County.....	1	10	6	Lane County.....	4	1	1
Fulton County.....	5	3	4	Linn County.....	1	9	2
Geauga County.....		2	2	Marion County.....			3
Guernsey County.....	1	1	14	Multnomah County—			
Hamilton County.....	5	18	26	Portland.....	49	65	
Hancock County.....		1		Scattering.....	7	1	78
Henry County.....		1	63	Polk County.....			1
Highland County.....	4			Umatilla County.....	18	16	12
Huron County.....	1	2	2	Wasco County.....	9	2	
Jefferson County.....	33	29	26	Washington County.....		6	9
Lawrence County.....			1	Total.....	95	103	117
Licking County.....	2		1				
Lorain County.....		1		<b>Pennsylvania:</b>			
Lucas County.....	41	43	106	Allegheny.....	2	1	4
Madison County.....			1	Beaver County.....	6		1
Mahoning County.....	50	55	63	Clearfield County.....			3
Meigs County.....			1	Delaware County.....	3	1	2
Mercer County.....		3	14	Erie County.....			1
Miami County.....		1		Huntington County.....			1
Montgomery County.....	18	7	24	Lancaster County.....		2	2
Morgan County.....	1	7	2	Lawrence County.....	1	2	
Morrow County.....				Mercer County.....	1	2	1
Muskingum County.....	66	66	53	Philadelphia County.....	4	3	2
Ottawa County.....	2	1	4	Washington County.....			1
Paulding County.....	3	6	19	Westmoreland County.....	1		2
Perry County.....	16	15	14	Total.....	18	11	20
Pickaway County.....			2				
Portage County.....			1	<b>South Carolina:</b>			
Preble County.....		2	8	Allendale County.....			1
Putnam County.....		1	7	Anderson County.....		1	27
Sandusky County.....	2			Barnwell County.....	4		
Scioto County.....	2	1	1	Calhoun County.....	1		
Seneca County.....		4		Charleston County.....			26
Shelby County.....			4	Cherokee County.....	7	9	8
Stark County.....	2	1	1	Chester County.....			2
Summit County.....	2	3	28	Chesterfield County.....	1		
Trumbull County.....	26	40	7	Clarendon County.....	8	10	
Tuscarawas County.....	2		3				
Van Wert County.....		7	39				

<sup>1</sup> Reports for February not received at time of going to press.



## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SMALLPOX—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
South Carolina—Continued.				Virginia—Continued.			
Colleton County.....			1	Tazewell County.....	6		
Dillon County.....		1	3	Wise County.....		8	4
Dorchester County.....		1	9	Total.....	25	33	54
Fairfield County.....	1			Washington:			
Florence County.....	4			Adams County.....			2
Greenville County.....	9	13	20	Benton County.....	1		2
Hampton County.....	1			Chelan County.....	1		7
Kershaw County.....			4	Clallam County.....	1		2
Lexington County.....			1	Clarke County.....	1	8	1
Marion County.....	3			Columbia County.....			1
Orangeburg County.....	7	6	1	Cowlitz County.....	118	17	32
Pickens County.....			1	Douglas County.....	11		
Richland County.....	10		23	Grays Harbor County—			
Saluda County.....			1	Hoquiam.....	3	15	5
Spartanburg County.....	2		162	Scattering.....	4	23	17
Sumter County.....		5		King County.....	13	11	13
Union County.....	6	4	4	Klickitat County.....			1
Williamsburg County.....	1			Lewis County.....			29
York County.....	3			Lincoln County.....	2		
Total.....	68	50	236	Okanogan County.....		2	5
South Dakota:				Pacific County.....	10	1	1
Deuel County.....			1	Pend Oreille County.....	1	2	
Grant County.....	1	2		Pierce County—			
Gregory County.....	4			Tacoma.....	23	16	13
Minnehaha County.....	1			Scattering.....	6	5	
Pennington County.....	5			Skagit County.....	1	6	
Roberts County.....	3		11	Snohomish County.....	9	14	21
Spink County.....		4	6	Spokane County—			
Turner County.....	1			Spokane.....	106	89	116
Total.....	15	6	18	Scattering.....	14	3	2
Tennessee.....				Thurston County.....		1	2
	338	714	379	Walla Walla County.....			7
Utah:				Whatcom County.....	11		
Box Elder County.....	7	1		Whitman County.....			2
Salt Lake County.....	2	1		Yakima County.....	5	2	4
Utah County.....	11			Total.....	341	215	283
Weber County.....	15	2		West Virginia:			
Total.....	35	9	( <sup>1</sup> )	Berkeley County.....			2
Vermont:				Brooke County.....	2	10	19
Addison County.....	9			Cabell County.....	1	3	16
Chittenden County.....	9		4	Greenbrier County.....	5		
Franklin County.....	4	2		Hancock County.....	8	4	3
Rutland County.....	6	6	1	Harrison County.....			
Windham County.....	3	3	1	Kanawha County.....	9	3	42
Windsor County.....			8	Logan County.....	6	3	
Total.....	31	11	14	McDowell County.....		4	5
Virginia:				Raleigh County.....		14	1
Alexandria (city).....			2	Randolph County.....	1		
Campbell County.....		1		Summers County.....		10	4
Carroll County.....	1	4		Wayne County.....		3	20
Culpeper County.....	2			Total.....	32	54	114
Danville (city).....			1	Wisconsin:			
Durham County.....			3	Chippewa County.....	1		
Fauquier County.....			10	Clark County.....	2	4	1
Henry County.....	6	13	26	Crawford County.....			5
King William County.....			1	Dane County.....	1	1	3
Nansemond County.....	4			Door County.....			1
Orange County.....			1	Douglas County.....	26	29	37
Patrick County.....	1	5		Dunn County.....		4	5
Petersburg (city).....	1			Eau Claire County.....	15	5	5
Pittsylvania County.....	2	1	1	Fond du Lac County.....	5	2	1
Prince George County.....			3	Grant County.....	5	2	5
Pulaski County.....		1		Jackson County.....		1	
Richmond County.....			2	Juneau County.....			2
Roanoke (city).....	1			Kenosha County.....	3		5

<sup>1</sup> Report for month of March not received at time of going to press.

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SMALLPOX—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
Wisconsin—Continued.				Wisconsin—Continued.			
Manitowoc County.....	12	2	1	Shewano County.....		7	1
Marathon County.....	3			Sheboygan County.....			1
Marinette County.....	1	2	1	Taylor County.....			8
Milwaukee County.....	3	3	2	Vernon County.....		*	1
Monroe County.....		1		Walworth County.....	2		
Oneida County.....			1	Washburn County.....		4	5
Polk County.....	2	2		Washington County.....		3	
Portage County.....		1		Waukesha County.....	2	1	1
Racine County.....	17	12	17	Winnebago County.....		1	
Richland County.....		3	3	Wood County.....		3	18
Rock County.....		1	6	Total.....	104	96	138
Sauk County.....		1					
Sawyer County.....		1					

## SMALLPOX—VACCINATION HISTORIES.

State.	Cases.	Vaccination history of cases.			
		Vaccinated within 7 years preceding attack.	Last vaccinated more than 7 years preceding attack.	Never successfully vaccinated.	History not obtained or uncertain.
California.....	4,074	24	152	3,880	118
Florida.....	67		2	36	29
Illinois.....	178	11	19	101	47
Kansas.....	528	25	7	170	326
Massachusetts.....	5			5	
Minnesota.....	859	13	50	647	149
Missouri (February and March).....	282		14	230	48
Montana.....	431	16	21	251	143
New Jersey.....	156	1	6	137	12
New Mexico.....	14	1	2	9	2
New York.....	110		6	90	14
Total.....	6,704	91	279	5,546	788
Per cent of total cases.....	100.0	1.4	4.2	82.7	11.7

TYPHOID FEVER.<sup>1</sup>

	New cases reported.				New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
Alabama:				Alabama—Continued.			
Baldwin County.....	2	1		Lee County.....			1
Blount County.....			2	Limestone County.....	3	2	
Butler County.....		1		Lowndes County.....	1		
Calhoun County.....			1	Macon County.....			1
Chilton County.....	1	5		Madison County.....		1	
Conecuh County.....	3			Marengo County.....	1		1
Covington County.....	2	1		Mobile County.....	7	2	3
Crenshaw County.....	3		1	Montgomery County.....	2	3	1
Dallas County.....		2		Morgan County.....	1	2	1
Escambia County.....				Randolph County.....		1	6
Etowah County.....	1	1		St. Clair County.....	4		1
Franklin County.....		1		Shelby County.....			1
Geneva County.....	2			Talladega County.....		6	9
Houston County.....		3		Tuscaloosa County.....			
Jackson County.....	5	1		Walker County.....	1	1	
Jefferson County.....	4	7	23	Total.....	47	44	51
Lamar County.....	1						
Lauderdale County.....		3					

<sup>1</sup>Five of these had previously had smallpox.<sup>2</sup>See also Paratyphoid fever.

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## TYPHOID FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Arizona:</b>				<b>Colorado—Continued.</b>			
Gila County.....		1		Montrose County.....			1
Maricopa County.....	1	1	1	Pueblo County.....	1	2	2
Mohave County.....	1			<b>Total.....</b>	<b>19</b>	<b>17</b>	<b>10</b>
Pima County.....	1			<b>Connecticut:</b>			
<b>Total.....</b>	<b>3</b>	<b>2</b>	<b>1</b>	Fairfield County.....	2		
<b>Arkansas:</b>				Hartford County.....	3	1	3
Carroll County.....	5	3		Litchfield County.....	1		
Columbia County.....	34	2		Middlesex County.....		2	
Conway County.....	4	1		New Haven County.....	2	3	9
Crawford County.....	1			New London County.....	1		1
Cross County.....		2		Tolland County.....	1		
Drew County.....	1			<b>Total.....</b>	<b>10</b>	<b>6</b>	<b>13</b>
Howard County.....	1			<b>Delaware:</b>			
Independence County.....		1	2	Laurel County.....		1	
Lafayette County.....	1			Lepsis County.....		1	
Lawrence County.....			1	New Castle County.....			
Lee County.....	1			Sussex County.....	2		
Mississippi County.....	1			<b>Total.....</b>	<b>7</b>	<b>2</b>	
Monroe County.....	1	1	2	<b>District of Columbia.....</b>	<b>6</b>	<b>1</b>	<b>7</b>
Montgomery County.....	5	9	2	<b>Florida:</b>			
Ouachita County.....			1	Alachua County.....	1	1	1
Perry County.....			1	Bradford County.....		1	
Phillips County.....	2			Broward County.....	1		
Poinsett County.....	1			Calhoun County.....		3	
Pulaski County.....		1	2	Citrus County.....	2		
Saint Francis County.....		2		Dade County.....	2	3	7
Sebastian County.....			1	Duval County.....	11	12	6
Sharp County.....	10	5		Escambia County.....		1	
Washington County.....	1			Franklin County.....		1	
White County.....		1		Hernando County.....	1		
<b>Total.....</b>	<b>70</b>	<b>28</b>	<b>12</b>	Highlands County.....			1
<b>California:</b>				Hillsborough County.....	3	9	6
Alameda County.....	4	5	7	Holmes County.....	1	1	
Butte County.....	2	3		Jackson County.....	1		
Fresno County.....		10		Lake County.....		1	
Glenn County.....		2		Lee County.....		1	1
Imperial County.....	1	1	1	Leon County.....	1		
Kern County.....	1		2	Madison County.....	1		
Kings County.....	1	1		Marion County.....	2	4	
Los Angeles County.....	17	27	11	Nassau County.....			1
Merced County.....	1	1		Orange County.....			2
Modoc County.....	1			Palm Beach County.....			
Monterey County.....			5	Pasco County.....	2	1	
Napa County.....	1			Pinellas County.....			2
Orange County.....	261	39	270	Polk County.....	1	1	2
Riverside County.....	4	2		Putnam County.....			
Sacramento County.....	3	1	1	St. Johns County.....		4	
San Bernardino County.....	2	4		St. Lucie County.....			1
San Francisco County.....	2	1	5	Santa Rosa County.....			1
San Joaquin County.....	1	4	2	Suwannee County.....			1
Santa Barbara County.....		1		Taylor County.....	2	1	
Santa Clara County.....		1		Volusia County.....	1	2	1
Santa Cruz County.....		1		<b>Total.....</b>	<b>33</b>	<b>48</b>	<b>34</b>
Siskiyou County.....		1		<b>Georgia:</b>			
Solano County.....	1			Bleckley County.....		1	
Sonoma County.....	1	2		Chatham County.....	3	1	2
Stanislaus County.....		1		Dade County.....		2	
Tulare County.....		1		Decatur County.....		3	1
County not stated.....	2	2		De Kalb County.....	1		
<b>Total.....</b>	<b>306</b>	<b>111</b>	<b>304</b>	Dougherty County.....	2	2	1
<b>Colorado:</b>				Early County.....	2		
Archuleta County.....			2	Fayette County.....	1		
Baca County.....	2			Floyd County.....			1
Boulder County.....	1	1	1	Fulton County.....		4	
Crowley County.....			1	Glynn County.....			3
Denver County.....		4	1	Jackson County.....	1		
El Paso County.....	2			Troup County.....			1
Fremont County.....	7	8	1	<b>Total.....</b>	<b>10</b>	<b>13</b>	<b>9</b>
Larimer County.....	3						
Las Animas County.....	3	2					
Mesa County.....			1				

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## TYPHOID FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Hawaii:</b>				<b>Indiana:</b>			
Hawaii.....	8	5	1	Allen County.....	1	3	1
Kauai.....	1			Brown County.....	1		
Maui.....		1	1	Cass County.....	1		
Molokai.....		1		Clay County.....		2	
Oahu.....	2	5	5	Crawford County.....			2
<b>Total.....</b>	<b>11</b>	<b>12</b>	<b>7</b>	Daviess County.....	2		
<b>Idaho:</b>				Decatur County.....	1		1
Adams County.....		1		DeKalb County.....		2	
Benewah County.....		1	5	Delaware County.....			3
Bonneville County.....		1	1	Fulton County.....		1	
Canyon County.....			1	Gibson County.....			
Caribou County.....	1			Howard County.....	1		
Kootenai County.....	1			Huntington County.....		1	
<b>Total.....</b>	<b>2</b>	<b>3</b>	<b>7</b>	Jackson County.....		1	
<b>Illinois:</b>				Jennings County.....			1
Adams County.....	1	2		Knox County.....			1
Alexander County.....	1			Lake County.....	4		8
Bureau County.....	1	1		Laporte County.....	1		
Carroll County.....		1		Lawrence County.....	1		
Cass County.....	1	1		Madison County.....	1	1	
Champaign County.....	1	3	2	Marion County.....	3	2	
Christian County.....	1	1	1	Miami County.....		1	
Clay County.....	1			Noble County.....	2		
Coles County.....		3	5	Ohio County.....	4		
Cook County.....	77	26	8	Perry County.....		1	
De Witt County.....		1		Pike County.....		6	1
Douglas County.....	2	1	2	Putnam County.....	8		
Du Page County.....		1		Rush County.....		1	
Edgar County.....	16		1	St. Joseph County.....	1		
Effingham County.....	1			Scott County.....	3		
Fayette County.....	1			Steuben County.....	2		
Ford County.....			1	Vanderburgh County.....	2	1	
Franklin County.....	4			Vermillion County.....		1	
Fulton County.....			1	Washington County.....	1		
Gallatin County.....				Wayne County.....	1		
Hancock County.....	5			White County.....		1	
Hardin County.....			4	Whitley County.....	1		
Jackson County.....		3		<b>Total.....</b>	<b>42</b>	<b>25</b>	<b>19</b>
Jasper County.....			1	<b>Kansas:</b>			
Jefferson County.....	1			Allen County.....			2
Johnson County.....			1	Butler County.....		1	1
Kane County.....	3	4		Cherokee County.....			1
Knox County.....	1		2	Clay County.....			1
Lake County.....	3			Coffey County.....		1	
La Salle County.....		1		Crawford County.....		1	
Lee County.....	1			Douglas County.....	1		
Livingston County.....	1			Elk County.....	1		
McLean County.....			3	Ellsworth County.....		1	
Macon County.....	1			Finney County.....	1		
Macoupin County.....	1	2		Harper County.....	1		
Madison County.....	4			Harvey County.....		1	
Marion County.....			1	Lyon County.....			1
Marshall County.....	2			Marion County.....		1	1
Morgan County.....		2		Marshall County.....			
Ogle County.....	1			Meade County.....			1
Peoria County.....	2		1	Montgomery County.....		3	
Perry County.....	1	3	1	Norton County.....	1		
Pope County.....		4		Riley County.....		1	
Pulaski County.....		1		Saline County.....			1
Randolph County.....	3			Smith County.....	1		
Rock Island County.....	1	3		Sumner County.....			2
St. Clair County.....	5		2	Wyandotte County.....		2	
Saline County.....			1	<b>Total.....</b>	<b>6</b>	<b>12</b>	<b>11</b>
Sangamon County.....		1	2	<b>Louisiana:</b>			
Stephenson County.....		1	1	Assumption Parish.....	1		
Tazewell County.....		1	1	Avozelles Parish.....	1		
Vermillion County.....	1			Beauregard Parish.....		2	
White County.....	1	1		Bienville Parish.....			1
Whiteside County.....	2			Bossier Parish.....	2		
Will County.....	5	3	1	Caddo Parish.....	3	2	
Williamson County.....	6	1		Calcasieu Parish.....			1
<b>Total.....</b>	<b>159</b>	<b>72</b>	<b>43</b>	Caldwell Parish.....	1	1	
				Catahoula Parish.....		2	
				Claiborne Parish.....			1

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## TYPHOID FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Louisiana—Continued.</b>				<b>Michigan:</b>			
De Soto Parish.....			3	Alger County.....		1	
East Baton Rouge Parish.....	1		3	Allegan County.....			1
East Carroll Parish.....		2		Antrim County.....			1
East Feliciana Parish.....	4			Barry County.....		1	
Evangeline Parish.....		1		Berrien County.....		1	1
Grant Parish.....	2	2		Cheboygan County.....	1		
Iberville Parish.....	1	5	2	Clinton County.....		2	
Jefferson Davis Parish.....		1		Genesee County.....		2	3
La Fourche Parish.....			1	Gogebic County.....		3	23
Natchitoches Parish.....	1		1	Gratiot County.....			1
Orleans Parish.....	9	13	4	Houghton County.....		1	
Ouachita Parish.....			2	Ingham County.....	5		4
Rapides Parish.....		4	3	Kalamazoo County.....	1	1	
Red River Parish.....			1	Kent County.....	1	1	1
Richland Parish.....		1		Lenawee County.....			1
Saint Martin Parish.....	1			Macomb County.....	2		1
Saint Mary Parish.....		3		Mason County.....		1	
Tangipahoa Parish.....	1	1	1	Merced County.....	2		
Terrebonne Parish.....	1	2		Menominee County.....			1
Vermilion Parish.....		1		Midland County.....			1
Vernon Parish.....		7		Missaukee County.....	1		
Washington Parish.....	3		2	Montcalm County.....	1		1
Total.....	32	50	26	Muskegon County.....			1
<b>Maine:</b>				Oakland County.....			1
Androscoggin County.....	2	2		Ontonagon County.....	1		
Aroostook County.....	5	5	1	Ottawa County.....		2	1
Cumberland County.....			3	Saginaw County.....	1	5	3
Kennebec County.....			1	Saint Clair County.....	3		
Oxford County.....		3	1	Shiawassee County.....	2		
Penobscot County.....	2		4	Tuscola County.....			1
Piscataquis County.....	3			Van Buren County.....		1	1
Washington County.....			1	Wayne County.....	6	4	3
York County.....		1	1	Total.....	27	26	51
Total.....	12	11	12	<b>Minnesota:</b>			
<b>Maryland:</b>				Becker County.....			1
Allegany County.....	3	4		Beltrami County.....	2	1	
Anne Arundel County.....			1	Carver County.....		1	1
Baltimore City.....	8	6	3	Cass County.....	1	1	3
Baltimore County.....	1	1	3	Chisago County.....	1		
Caroline County.....		4	1	Goodhue County.....	1		1
Carroll County.....	1			Hennepin County.....	3	4	3
Cecil County.....	2			Hubbard County.....		1	
Dorchester County.....	3	1	3	Itasca County.....		1	
Frederick County.....		2		Kittson County.....	1	1	
Howard County.....	1	1		Koochiching County.....	1		
Montgomery County.....	1		1	Lake of the Woods			
Prince Georges County.....	2		11	County.....		1	
Queen Annes County.....	1			McLeod County.....			1
Saint Marys County.....		2		Marshall County.....	3		
Somerset County.....	6	1	1	Nichollet County.....			1
Talbot County.....	1	1		Olmstead County.....	1		1
Washington County.....	5	2	5	Otter Tail County.....		1	
Wicomico County.....	1	4	4	Pennington County.....	1		
Worcester County.....	7	1	1	Pipestone County.....	1		
Total.....	43	30	34	Polk County.....			2
<b>Massachusetts:</b>				Ramsey County.....	2	2	2
Berkshire County.....	4	1		Redwood County.....	2		
Bristol County.....	1	4	1	Rice County.....	1	1	
Essex County.....	3	6	1	Sherburne County.....	1		
Franklin County.....	1			Saint Louis County.....		2	5
Hampden County.....	2		1	Stearns County.....	1		
Hampshire County.....	1			Traverse County.....	1		
Middlesex County.....	10	5	6	Washington County.....		1	
Norfolk County.....		2	1	Wilkin County.....	1		
Plymouth County.....			1	Total.....	25	18	21
Suffolk County.....	5	13	8	<b>Mississippi:</b>			
Worcester County.....	4	1	5	Bolivar County.....	9		3
Total.....	31	32	24	Calhoun County.....		1	1
				Carroll County.....			2
				Chickasaw County.....	1	1	2
				Chalbourne County.....		1	
				Clarke County.....			



## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## TYPHOID FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Mississippi—Continued.</b>				<b>Montana:</b>			
Clay County.....		2		Big Horn County.....	2	3	
Coahoma County.....	1			Blaine County.....			1
Copiah County.....	20		3	Carbon County.....	4		1
Covington County.....			1	Gallatin County.....		1	
De Soto County.....		2		Granite County.....		1	
Grenada County.....			1	Lewis and Clarke			
Greene County.....	2	4	2	County.....		1	
Harrison County.....	3	3		Missoula County.....		1	
Hinds County.....		2	7	Silver Bow County.....	2		
Holmes County.....				Yellowstone County.....			1
Humphreys County.....	1	2	3	Total.....	8	7	3
Jefferson Davis County.....	6			<b>Nebraska:</b>			
Lafayette County.....	2			Cedar County.....		4	
Lamar County.....			4	Douglas County.....		1	
Lawrence County.....	2	7	1	Lancaster County.....		1	
Leake County.....			4	Washington County.....	1		
Lee County.....			4	Total.....	1	6	
Leflore County.....	3	1	1	<b>New Jersey:</b>			
Lowndes County.....	1		1	Bergen County.....	1		
Madison County.....	3	36	4	Burlington County.....	1	4	2
Marion County.....	2		1	Camden County.....	3	2	1
Marshall County.....	4	4	3	Essex County.....	7	3	1
Montgomery County.....	4	4	3	Gloucester County.....		1	
Neshoba County.....			1	Hudson County.....	4	2	3
Panola County.....	3	3	2	Hunterdon County.....		1	
Pearl River County.....		2		Mercer County.....		2	
Pike County.....			1	Middlesex County.....	1	4	2
Pontotoc County.....	1	1		Monmouth County.....	3	2	1
Prentiss County.....	3		1	Morris County.....	1	1	
Rankin County.....		2		Passaic County.....	2	2	1
Scott County.....	4		1	Salem County.....			1
Smith County.....		2		Somerset County.....	1	3	1
Sunflower County.....	4			Sussex County.....			1
Tallahatchie County.....	2		1	Union County.....	4	1	7
Tate County.....	12	1	2	Warren County.....			
Tishomingo County.....			1	Total.....	28	28	21
Tunica County.....			2	<b>New Mexico:</b>			
Warren County.....		1	1	Bernalillo County.....		2	1
Washington County.....		3	4	Curry County.....	1		
Wilkinson County.....	3		1	Dona Ana County.....			1
Yalobusha County.....	1	1		Grant County.....	6		
Yazoo County.....			3	Lincoln County.....	1		1
Total.....	101	88	68	Rio Arriba County.....	3		
<b>Missouri:</b>				San Juan County.....		2	
Andrew County.....	1			San Miguel County.....	1		
Barry County.....	3			Taos County.....	1		
Boone County.....	1		2	Torrance County.....	1		
Buchanan County.....		2		Union County.....		3	
Butler County.....	2			Valencia County.....	1	2	2
Dent County.....			1	Total.....	15	9	5
Gasconade County.....	3		1	<b>New York:</b>			
Gentry County.....			3	Albany County.....	8	5	4
Greene County.....		1	1	Allegany County.....	1		
Howell County.....			3	Broome County.....	8	20	4
Iron County.....	5			Cattaraugus County.....	10	7	4
Jackson County.....		4	1	Cayuga County.....	1	2	2
Jasper County.....	1			Chautauqua County.....	5		1
Lawrence County.....	1			Chemung County.....		1	3
Newton County.....	1			Chenango County.....			1
Nodaway County.....			1	Clinton County.....	2	1	1
Ozark County.....	2			Columbia County.....	1		1
Phelps County.....			1	Delaware County.....	2		
Polk County.....			1	Dutchess County.....	2	1	
Pulaski County.....		3	1	Erie County.....			
Ripley County.....				Amherst.....	23		
Saint Francois County.....	1	3	1	Scattering.....	5	14	10
Saint Genevieve County.....			2	Essex County.....	2	1	
Saint Louis County.....	3	2	5	Franklin County.....	1		1
Saline County.....			1	Fulton County.....		1	
Texas County.....		1					
Vernon County.....		1					
County not stated.....	1						
Total.....	25	17	25				

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## TYPHOID FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>New York—Continued.</b>				<b>Ohio—Continued.</b>			
Genesee County.....	2	3	-----	Athens County.....	2	-----	1
Greene County.....	2	-----	-----	Belmont County.....	6	4	2
Hamilton County.....	-----	1	-----	Brown County.....	-----	-----	2
Jefferson County.....	3	1	-----	Champaign County.....	3	-----	-----
Livingston County.....	1	1	-----	Clark County.....	1	1	2
Madison County.....	1	1	-----	Clermont County.....	-----	1	2
Monroe County.....	2	2	1	Columbiana County.....	-----	3	1
Montgomery County.....	2	-----	-----	Coshocton County.....	-----	2	-----
Nassau County.....	1	1	2	Cuyahoga County.....	7	6	10
New York City.....	58	36	52	Defiance County.....	1	-----	-----
Niagara County.....	7	-----	1	Delaware County.....	1	-----	-----
Oneida County.....	2	4	3	Erie County.....	1	1	-----
Onondaga County.....	11	10	1	Fairfield County.....	-----	-----	2
Ontario County.....	1	1	-----	Franklin County.....	1	5	3
Orange County.....	1	1	1	Gallia County.....	1	-----	-----
Orleans County.....	2	-----	-----	Guernsey County.....	1	-----	1
Oswego County.....	2	1	-----	Hamilton County.....	2	-----	3
Rensselaer County.....	2	-----	3	Hancock County.....	1	-----	-----
Rockland County.....	1	-----	-----	Harrison County.....	1	-----	-----
Saratoga County.....	4	-----	-----	Henry County.....	1	-----	1
St. Lawrence County.....	1	5	5	Hocking County.....	1	-----	-----
Schenectady County.....	1	-----	2	Jefferson County.....	11	-----	7
Seneca County.....	1	2	-----	Knox County.....	-----	-----	1
Steuben County.....	4	1	4	Lake County.....	1	-----	-----
Suffolk County.....	2	1	-----	Licking County.....	1	-----	-----
Sullivan County.....	-----	1	5	Logan County.....	1	1	2
Tioga County.....	-----	1	1	Lorain County.....	3	-----	-----
Tompkins County.....	1	-----	-----	Lucas County.....	3	3	2
Ulster County.....	5	2	-----	Mahoning County.....	2	-----	3
Warren County.....	-----	-----	1	Mercer County.....	-----	-----	1
Washington County.....	2	-----	1	Montgomery County.....	1	2	3
Wayne County.....	1	-----	-----	Muskingum County.....	1	1	4
Westchester County.....	12	2	1	Noble County.....	1	-----	-----
<b>Total.....</b>	<b>206</b>	<b>131</b>	<b>115</b>	Ottawa County.....	1	2	-----
<b>North Carolina:</b>				Paulding County.....	-----	-----	1
Alexander County.....	1	3	2	Ross County.....	-----	1	-----
Beaufort County.....	-----	-----	1	Sandusky County.....	-----	2	2
Bladen County.....	3	-----	-----	Scioto County.....	2	1	4
Buncombe County.....	-----	-----	2	Shelby County.....	1	-----	-----
Cabarrus County.....	-----	-----	1	Stark County.....	-----	1	2
Cherokee County.....	1	-----	-----	Summit County.....	2	1	1
Cleveland County.....	1	-----	1	Trumbull County.....	1	4	2
Edgecombe County.....	1	-----	-----	Tuscarawas County.....	-----	1	2
Gaston County.....	3	-----	-----	Warren County.....	-----	1	1
Granville County.....	-----	1	-----	Wood County.....	-----	1	3
Guilford County.....	-----	-----	2	<b>Total.....</b>	<b>67</b>	<b>47</b>	<b>75</b>
Johnston County.....	-----	-----	1	<b>Oklahoma:</b>			
Jones County.....	2	-----	-----	Cherokee County.....	1	-----	-----
Martin County.....	-----	1	1	Comanche County.....	1	-----	-----
New Hanover County.....	1	-----	-----	Haskell County.....	2	-----	-----
Pitt County.....	4	-----	4	McIntosh County.....	1	-----	-----
Rockingham County.....	2	1	-----	Mayes County.....	44	-----	-----
Rowan County.....	-----	1	-----	County not stated.....	-----	-----	20
Stanly County.....	-----	1	-----	<b>Total.....</b>	<b>49</b>	<b>(1)</b>	<b>20</b>
Wake County.....	1	1	-----	<b>Oregon:</b>			
<b>Total.....</b>	<b>20</b>	<b>9</b>	<b>16</b>	Clackamas County.....	-----	-----	1
<b>North Dakota:</b>				Clatsop County.....	1	-----	-----
Burleigh County.....	-----	-----	2	Coos County.....	-----	2	-----
Cass County.....	-----	-----	1	Douglas County.....	-----	-----	-----
Cavalier County.....	2	-----	-----	Lane County.....	1	2	-----
Grand Forks County.....	2	-----	-----	Linn County.....	-----	3	-----
Logan County.....	-----	-----	2	Marion County.....	-----	-----	1
McHenry County.....	-----	2	-----	Multnomah County.....	-----	-----	12
Morton County.....	2	-----	-----	Umatilla County.....	1	-----	-----
Ransom County.....	1	-----	-----	Wasco County.....	2	-----	-----
<b>Total.....</b>	<b>7</b>	<b>2</b>	<b>5</b>	Washington County.....	1	-----	-----
<b>Ohio:</b>				<b>Total.....</b>	<b>7</b>	<b>7</b>	<b>14</b>
Allen County.....	3	2	3				
Ashtabula County.....	1	1	1				

<sup>1</sup> Reports for February not received at time of going to press.

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## TYPHOID FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
Pennsylvania:				South Dakota—Continued.			
Adams County.....	1	2	1	Tripp County.....	6	6	
Allegheny County.....	10	19	8	Yankton County.....		1	1
Armstrong County.....	1	1	2	Total.....	8	7	3
Beaver County.....	2	10	2	Tennessee.....	30	23	15
Bedford County.....	2	2	3				
Berks County.....	4	2	6	Utah:			
Bradford County.....	2	1		Box Elder County.....	1	2	
Bucks County.....	2	3		Cache County.....	1		
Butler County.....		1		Salt Lake County.....	2	2	
Cambria County.....	1		2	Sanpete County.....		1	
Center County.....	1	1		Total.....	4	5	(1)
Chester County.....		1	1	Vermont:			
Clearfield County.....	8	1	2	Caledonia County.....			1
Columbia County.....	1			Franklin County.....	1	1	
Crawford County.....	1		1	Rutland County.....	1		
Cumberland County.....	2		1	Total.....	2	1	1
Dauphin County.....	2	2	1	Virginia:			
Delaware County.....		1	1	Accomac County.....	3	4	1
Elk County.....	2		2	Albemarle County.....			1
Erie County.....		4	1	Alexandria County.....	1		
Fayette County.....	4	5		Alleghany County.....	5		3
Fulton County.....		1		Augusta County.....	1	1	
Huntington County.....	1	4		Brunswick County.....		4	
Indiana County.....		2	1	Buckingham County.....	1	1	
Jefferson County.....	2	3		Charles City County.....	1		
Juniata County.....	2			Dickenson County.....		1	
Lackawanna County.....	1		2	Elizabeth City County.....		1	
Lancaster County.....	2	9	6	Fairfax County.....	1		
Lawrence County.....	4	1	1	Fauquier County.....	1		
Lebanon County.....	2		1	Fluvanna County.....	1		
Lehigh County.....	4	1		Giles County.....	2		
Lycoming County.....			2	Grayson County.....	4		
McKean County.....		2	1	Hanover County.....			1
Mercer County.....	3	4	1	Henrico County.....		1	
Mifflin County.....		4	1	Henry County.....	2		2
Monroe County.....	1			James City County.....	1		
Montgomery County.....	2	2	2	Lancaster County.....	1		
Montour County.....	2	2		Lee County.....	9	17	5
Northampton County.....	2	2	2	Louisa County.....	1		
Northumberland County.....				Lunenburg County.....	1		
Perry County.....	1	2		Lynchburg (City).....	1		
Philadelphia County.....		1	1	Middlesex County.....	2	1	
Schuylkill County.....	5	19	12	Newport News (City).....			
Schuylkill County.....	3	1	1	Norfolk (City).....	3	1	
Somerset County.....	4			Northumberland County.....			5
Tioga County.....	2			Nottoway County.....	1		
Venango County.....	3		1	Orange County.....		1	
Washington County.....	10	7	1	Petersburg (City).....		2	
Westmoreland County.....	4	2	2	Roanoke (City).....	1	1	
York County.....		2	2	Rockingham County.....			1
Total.....	105	127	74	Russell County.....	3	2	
Rhode Island:				Scott County.....	1		
Kent County.....	1			Southampton County.....			1
Providence County.....	6			Sussex County.....		1	
Washington County.....	1			Tazewell County.....	1	2	1
Total.....	8			Warren County.....	1		
South Carolina:				Warwick County.....	1		
Anderson County.....	1	4	1	Washington County.....			1
Charleston County.....		1	1	Wythe County.....			2
Chester County.....		1	1	Total.....	50	41	24
Greenville County.....	1			Washington:			
Orangeburg County.....	2			Benton County.....			1
Pickens County.....		1		Chelan County.....		1	
Richland County.....			1	Clarke County.....		1	
Spartanburg County.....	1			Cowlitz County.....	1	1	1
Total.....	5	6	5	Grays Harbor County.....		3	
South Dakota:							
Charles Mix County.....	1						
Douglas County.....			2				
Spink County.....	1						

<sup>1</sup>Report for month of March not received at time of going to press.

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## TYPHOID FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
Washington—Continued.				West Virginia—Continued.			
King County.....	5	8	7	Taylor County.....	18	6	1
Okanogan County.....	1			Wirt County.....	1		
Pierce County.....	1	6	1	Total.....	55	71	41
Skagit County.....	1	1					
Snohomish County.....	3	2	1	Wisconsin:			
Stevens County.....	1			Barron County.....			1
Thurston County.....	1		1	Brown County.....		2	1
Walla Walla County.....	1	1		Chippewa County.....	1	1	
Whatcom County.....	1			Dane County.....			1
Yakima County.....	1	1		Douglas County.....			
Total.....	17	25	12	Dunn County.....	1		
West Virginia:				Eau Claire County.....	2	1	1
Barbour County.....	1			Forest County.....		1	1
Berkeley County.....			2	La Crosse County.....	1		1
Boone County.....			4	Manitowoc County.....			4
Braxton County.....	3	3		Marathon County.....		1	
Brooke County.....	1			Marquette County.....			1
Cabell County.....			2	Milwaukee County.....	1	2	
Doddridge County.....	1		2	Monroe County.....			1
Fayette County.....	3	2		Oneida County.....			1
Gilmer County.....	1			Outagamie County.....	2	2	
Grant County.....	1			Ozaukee County.....			1
Hardy County.....		3		Polk County.....	1		
Harrison County.....			2	Racine County.....		3	1
Kanawha County.....	4	3		Rock County.....		1	
Lewis County.....			1	Shawano County.....	5	8	
Logan County.....	3	2		Vernon County.....			2
McDowell County.....	1			Waukesha County.....	1	1	
Marion County.....	1	3	7	Wood County.....			
Mercer County.....		1		Total.....	17	23	17
Mineral County.....			1				
Monongalia County.....			1	Wyoming:			
Monroe County.....			3	Big Horn County.....		1	4
Nicholas County.....		3		Converse County.....			2
Ohio County.....	10	29	9	Natrona County.....		2	
Preston County.....	1	2		Park County.....		1	
Raleigh County.....		1	1	Total.....		4	6
Summers County.....	5	13	5				

## TYPHUS FEVER.

California.....	1	2	1	Maryland.....	1		
Georgia.....	1			New York.....	1	1	1

## SUMMARY OF DISEASES.

Alabama:				Arizona:			
Chicken pox.....	301	283	357	Chicken pox.....	19	19	31
Cerebrospinal meningitis (epidemic).....	3	6	4	Diphtheria.....	11	11	18
Dengue.....	1		4	Influenza.....			19
Diphtheria.....	71	58	40	Malta fever.....	1		
Dysentery.....	11	5	7	Measles.....	206	436	473
Influenza.....	526	593	574	Mumps.....	12	15	21
Lethargic encephalitis.....		1	2	Ophthalmia neonatorum.....	1		
Malaria.....	75	66	80	Pneumonia (all forms).....	2	8	7
Measles.....	2,102	3,094	3,159	Scarlet fever.....	59	24	34
Mumps.....	109	185	244	Smallpox.....	7	4	6
Pellagra.....	15	18	14	Trachoma.....		1	15
Pneumonia (all forms).....	541	803	775	Tuberculosis (all forms).....	76	43	78
Polioomyelitis.....	2	1		Typhoid fever.....	3	2	1
Scarlet fever.....	51	32	27	Whooping cough.....	2	7	2
Smallpox.....	192	128	218	Arkansas:			
Tuberculosis (all forms).....	146	126	118	Cerebrospinal meningitis (epidemic).....	2	1	1
Typhoid fever.....	47	44	51	Chicken pox.....		121	135
Whooping cough.....	183	315	482	Dengue.....			2

<sup>1</sup> In addition an outbreak of smallpox occurred during January in Cleburne County. Over or about 100 cases found. No deaths.

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SUMMARY OF DISEASES—Continued

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Arkansas—Continued.</b>				<b>Connecticut—Continued.</b>			
Diphtheria.....	54	32	22	Conjunctivitis (infectious).....	4	5	2
Hookworm disease.....		2		Diphtheria.....	274	229	196
Influenza.....	871	933	609	Favus.....	1		
Malaria.....	176	155	140	German measles.....	23		35
Measles.....	542	1,336	1,829	Influenza.....	34	43	49
Mumps.....			145	Lethargic encephalitis.....	4	2	6
Paratyphoid fever.....	8	9	8	Malaria.....		1	
Pellagra.....	17	13	16	Measles.....	810	829	782
Poliomyelitis.....	1			Mumps.....	379	495	856
Scarlet fever.....	36	28	20	Occupational diseases and disabilities.....	7	3	2
Smallpox.....	50	51	37	Ophthalmia neonatorum.....	4		1
Trachoma.....		3		Paratyphoid fever.....	1	6	1
Tuberculosis (all forms).....		47	49	Pneumonia (lobar).....	131	175	225
Typhoid fever.....	70	28	12	Poliomyelitis.....		2	2
Whooping cough.....		200	192	Scarlet fever.....	741	746	806
<b>California:</b>				Septic sore throat.....	2	8	5
Anthrax.....			1	Smallpox.....	2	7	29
Botulism.....	1		9	Tetanus.....		1	2
Cerebrospinal meningitis (epidemic).....	10	12	7	Trachoma.....	1		
Chicken pox.....	1,819	2,131	1,849	Trichinosis.....	2	2	1
Diphtheria.....	1,575	1,059	1,018	Tuberculosis (pulmonary).....	169	134	125
Dysentery (amebic).....	4	1	1	Tuberculosis (all forms).....	186	147	134
Dysentery (bacillary).....	3	8	5	Typhoid fever.....	10	6	13
German measles.....	76	50	78	Whooping cough.....	313	188	187
Influenza.....	225	173	152	<b>Delaware:</b>			
Jaundice (epidemic).....	1			Cerebrospinal meningitis (epidemic).....	1	3	
Leprosy.....		1	4	Chicken pox.....	58	20	25
Lethargic encephalitis.....	22	12	7	Diphtheria.....	46	24	17
Malaria.....	8	5	8	Influenza.....	9	17	2
Measles.....	3,250	5,013	6,016	Malaria.....	2		1
Mumps.....	147	223	233	Measles.....	6	11	35
Ophthalmia neonatorum.....	2	4	4	Mumps.....	3	5	24
Paratyphoid fever.....	5	1	1	Pneumonia (all forms).....	30	37	25
Pellagra.....	1	1	3	Scarlet fever.....	88	54	59
Pneumonia (lobar).....	560	519	300	Smallpox.....		1	
Poliomyelitis.....	8	4	9	Tuberculosis (all forms).....	32	18	18
Rabies (in animals).....	48	67	56	Typhoid fever.....	7	2	
Rocky Mountain spotted or tick fever.....			1	Whooping cough.....	33	25	13
Scarlet fever.....	1,625	1,176	1,170	<b>District of Columbia:</b>			
Smallpox.....	1,442	1,436	1,196	Cerebrospinal meningitis (epidemic).....		1	
Tetanus.....	4	2	4	Chicken pox.....	265	265	289
Trachoma.....	332	16	21	Diphtheria.....	50	30	31
Trichinosis.....			2	Influenza.....	2	10	16
Tuberculosis (pulmonary).....	864	803	891	Lethargic encephalitis.....		3	2
Tuberculosis (all forms).....	879	826	909	Measles.....	35	42	59
Typhoid fever.....	306	111	304	Rabies in animals.....			1
Typhus.....	1	2	1	Scarlet fever.....	130	175	169
Whooping cough.....	203	359	180	Smallpox.....	18	25	40
<b>Colorado:</b>				Tuberculosis (pulmonary).....	92	99	112
Botulism.....		7		Tuberculosis (all forms).....	94	107	117
Cerebrospinal meningitis (epidemic).....	1		1	Typhoid fever.....	6	1	7
Chicken pox.....	248	198	195	Whooping cough.....	51	39	53
Diphtheria.....	127	128	140	<b>Florida:</b>			
Impetigo contagiosa.....	1	2	1	Cerebrospinal meningitis (epidemic).....		3	5
Influenza.....	2	9	3	Chicken pox.....	35	50	81
Jaundice (epidemic).....	9	2		Dengue.....	6	4	
Lethargic encephalitis.....			1	Diphtheria.....	57	62	53
Measles.....	1,696	2,340	2,022	Dysentery.....	16	1	9
Mumps.....	352	173	475	German measles.....	3	1	8
Pneumonia (all forms).....	42	40	28	Hookworm disease.....	87	218	245
Poliomyelitis.....			1	Influenza.....	27	29	41
Scarlet fever.....	254	228	158	Leprosy.....		1	1
Septic sore throat.....	3	1	1	Malaria.....	33	34	38
Smallpox.....	13	6	11	Measles.....	1,061	816	652
Trachoma.....	1			Mumps.....	22	27	75
Tuberculosis (all forms).....	227	285	291	Pellagra.....	1	1	10
Typhoid fever.....	19	17	10	Pneumonia (all forms).....	38	40	171
Vincent's angina.....	1		1	Poliomyelitis.....	7		
Whooping cough.....	81	71	78	Rabies in animals.....		10	28
<b>Connecticut:</b>				Scarlet fever.....	7	11	52
Cerebrospinal meningitis (epidemic).....	1	2	7				
Chicken pox.....	517	376	311				



## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SUMMARY OF DISEASES—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Florida—Continued.</b>				<b>Illinois—Continued.</b>			
Smallpox.....	37	19	11	Malaria.....	1	1	
Trachoma.....	4		3	Measles.....	2,475	2,296	2,659
Tetanus.....	2		3	Mumps.....	1,183	1,490	2,081
Tuberculosis (all forms).....	42	58	136	Occupational diseases and disabilities.....	20	16	12
Typhoid fever.....	33	48	34	Ophthalmia neonatorum.....	35	39	47
Whooping cough.....	17	62	35	Paratyphoid fever.....	2	2	2
<b>Georgia:</b>				Pneumonia (all forms).....	1,713	1,798	2,048
Cerebrospinal meningitis (epidemic).....		2		Poliomyelitis.....	4	7	3
Chicken pox.....	194	115	115	Puerperal septicemia.....	5	10	10
Conjunctivitis (acute).....		1	16	Scarlet fever.....	1,436	1,317	1,509
Dengue.....	1		3	Septic sore throat.....	14	6	5
Diphtheria.....	49	54	67	Smallpox.....	37	46	95
Dysentery.....	3	4	3	Tetanus.....	2	3	5
German measles.....	34	27	31	Trachoma.....	10	5	11
Hookworm disease.....	23	14	30	Trichinosis.....		6	
Influenza.....	177	302	229	Tuberculosis (pulmonary).....	1,295	1,067	1,080
Leprosy.....	2			Tuberculosis (all forms).....	1,328	1,077	1,111
Malaria.....	15	29	38	Typhoid fever.....	159	72	43
Measles.....	785	1,179	1,082	Whooping cough.....	579	620	680
Mumps.....	66	72	204	<b>Indiana:</b>			
Paratyphoid fever.....		1	2	Anthrax.....			2
Pellagra.....	3	4	1	Cerebrospinal meningitis (epidemic).....	8	3	7
Pneumonia (all forms).....	138	184	229	Chicken pox.....	401	450	364
Poliomyelitis.....	2		1	Diphtheria.....	555	323	222
Rabies in man.....		1		Influenza.....	153	64	135
Scarlet fever.....	34	33	60	Measles.....	2,492	2,274	2,964
Septic sore throat.....	7	4	7	Pneumonia (all forms).....	90	106	112
Smallpox.....	293	424	583	Poliomyelitis.....	3		2
Tetanus.....			2	Rabies in animals.....	2	1	1
Trachoma.....			3	Scarlet fever.....	537	464	510
Tuberculosis (pulmonary).....	28	62	58	Smallpox.....	367	374	526
Tuberculosis (all forms).....	29	62	59	Tuberculosis (pulmonary).....	139	130	141
Typhoid fever.....	10	13	9	Typhoid fever.....	42	25	19
Typhus fever.....	1			Whooping cough.....	362	396	394
Whooping cough.....	193	238	176	<b>Iowa:</b>			
<b>Hawaii:</b>				Cerebrospinal meningitis (epidemic).....	2		
Cerebrospinal meningitis (epidemic).....	23	12	4	Chicken pox.....	156	74	59
Chicken pox.....	11	24	28	Diphtheria.....	153	87	77
Conjunctivitis follicular.....		27	54	Measles.....	834	1,312	862
Diphtheria.....	11	28	19	Mumps.....	137	203	232
Dysentery (amebic).....	1	3		Pneumonia (all forms).....	8	19	15
Influenza.....	91	147	21	Poliomyelitis.....	1		
Leprosy.....	6	8	11	Scarlet fever.....	268	271	287
Measles.....	15	10	9	Smallpox.....	52	42	66
Poliomyelitis (infantile paralysis).....			2	Tuberculosis (all forms).....	1	2	1
Scarlet fever.....	3	1	2	Whooping cough.....	100	47	66
Smallpox.....	2	1		<b>Kansas:</b>			
Tetanus.....	4	2	2	Cerebrospinal meningitis (epidemic).....	3	3	6
Trachoma.....	27	60	36	Chicken pox.....	691	551	458
Tuberculosis (all forms).....	84	73	96	Diphtheria.....	213	152	147
Typhoid fever.....	11	12	7	German measles.....	24	31	40
Yellow fever.....	1			Influenza.....	36	27	43
Whooping cough.....	38	59	31	Leprosy.....		1	
<b>Idaho:</b>				Lethargic encephalitis.....		2	1
Cerebrospinal meningitis (epidemic).....			1	Measles.....	2,182	4,995	6,136
Diphtheria.....	14	5	12	Mumps.....	580	1,023	1,550
Influenza.....			13	Pellagra.....		2	
Scarlet fever.....	33	48	30	Pneumonia (all forms).....	266	236	201
Smallpox.....	12	6	8	Poliomyelitis.....	4	2	1
Typhoid fever.....	2	3	7	Scabies.....	2		
<b>Illinois:</b>				Scarlet fever.....	420	335	295
Actinomycosis.....	1	1		Septic sore throat.....		3	1
Cerebrospinal meningitis (epidemic).....	11	2	9	Smallpox.....	119	194	215
Chicken pox.....	2,000	1,476	1,471	Trachoma (acute).....	1	1	1
Diphtheria.....	1,007	796	671	Trichinosis.....	1		
Dysentery.....	51	50	80	Tuberculosis (all forms).....	340	178	169
German measles.....	23	23	67	Typhoid fever.....	6	12	11
Glanders.....	1	1		Whooping cough.....	497	441	432
Influenza.....	104	166	244	<b>Louisiana:</b>			
Leprosy.....			1	Cerebrospinal meningitis (epidemic).....	3	2	3
Lethargic encephalitis.....	4	1	8				

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SUMMARY OF DISEASES—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Louisiana—Continued.</b>				<b>Massachusetts—Continued.</b>			
Chicken pox	20	92	27	Lethargic encephalitis	11	5	8
Diphtheria	122	80	81	Malaria	2		1
Dysentery		2	1	Measles	2,335	3,553	4,052
Hookworm disease	249	152	214	Mumps	1,246	1,410	1,779
Influenza	205	313	146	Occupational diseases and disabilities	19	12	18
Leprosy			4	Ophthalmia neonatorum	78	75	78
Lethargic encephalitis			1	Pneumonia (lobar)	550	546	556
Malaria	10	17	31	Polio-myelitis	14	6	9
Measles	1,008	2,334	1,308	Scarlet fever	2,084	2,076	2,103
Mumps	2	6	6	Septic sore throat	14	15	48
Paratyphoid fever	1	1		Smallpox	2	2	1
Pellagra	5	2	2	Tetanus	2	2	3
Pneumonia (all forms)	190	263	236	Trachoma	3	9	4
Polio-myelitis			2	Trichinosis	15	9	1
Scarlet fever	28	29	41	Tuberculosis (pulmonary)	561	481	556
Smallpox	70	80	86	Tuberculosis (all forms)	641	566	649
Trachoma	29		1	Typhoid fever	31	32	24
Tuberculosis (pulmonary)	123	141	138	Whooping cough	547	461	422
Typhoid fever	32	50	26	<b>Michigan:</b>			
Whooping cough	25	94	37	Chicken pox	1,595	1,030	965
<b>Maine:</b>				Diphtheria	961	632	636
Cerebrospinal meningitis (epidemic)	4			Influenza	19	17	15
Diphtheria	57	39	58	Measles	2,247	2,344	3,277
Influenza	18	27	54	Lethargic encephalitis	5	6	2
Malaria	1			Mumps	607	839	1,436
Polio-myelitis		1	1	Pneumonia (all forms)	623	709	665
Scarlet fever	120	116	167	Polio-myelitis	3	3	3
Smallpox			4	Scarlet fever	1,617	1,510	1,866
Typhoid fever	12	11	12	Septic sore throat	13	11	19
<b>Maryland:</b>				Smallpox	543	549	760
Cerebrospinal meningitis (epidemic)		1	1	Tuberculosis (all forms)	322		216
Chicken pox	934	842	773	Typhoid fever	27	26	51
Conjunctivitis		2	1	Whooping cough	291	224	348
Diphtheria	226	137	156	<b>Minnesota:</b>			
Dysentery		5	2	Cerebrospinal meningitis (epidemic)	2	3	3
German measles	12	92	280	Chicken pox	884	730	722
Impetigo contagiosa	4			Diphtheria	473	306	287
Influenza	260	371	366	Influenza	8	6	4
Lethargic encephalitis	2	5	8	Lethargic encephalitis	3	1	
Malaria	4	1		Measles	1,275	1,416	1,096
Measles	393	707	1,173	Paratyphoid fever		1	
Mumps	51	139	177	Pneumonia (all forms)	34	45	32
Ophthalmia neonatorum	4	3	8	Polio-myelitis			2
Pneumonia (broncho)		337	288	Scarlet fever	1,349	1,234	1,186
Pneumonia (lobar)		372	359	Smallpox	242	277	340
Pneumonia (all forms)	540			Trachoma	8	3	
Polio-myelitis	2	1	1	Tuberculosis (all forms)	327	285	342
Rabies (in animals)	2			Typhoid fever	25	18	21
Scabies	8			Whooping cough	63	111	117
Scarlet fever	482	570	673	<b>Mississippi:</b>			
Septic sore throat	13	8	17	Anthrax	6	5	1
Smallpox	3	3	24	Cerebrospinal meningitis (epidemic)	1		1
Tetanus	1			Chicken pox	812	967	852
Trachoma		1		Dengue	11	26	24
Tuberculosis (pulmonary)	210			Diphtheria	90	86	70
Tuberculosis (all forms)	214	189	228	Dysentery (amebic)	13	11	16
Typhus fever	1			Dysentery (bacillary)	394	251	298
Typhoid fever	43	30	34	Hookworm disease	220	277	235
Vincent's angina		1	3	Influenza	2,819	3,408	2,979
Whooping cough	218	171	232	Malaria	2,995	2,844	3,585
<b>Massachusetts:</b>				Measles	4,144	7,613	5,940
Actinomycosis	1			Mumps	215	577	938
Anthrax		1		Ophthalmia neonatorum	12	20	23
Cerebrospinal meningitis (epidemic)	10	15	12	Pallagra	142	179	242
Chicken pox	1,747	1,260	1,121	Pneumonia (all forms)	2,067	2,582	2,420
Conjunctivitis (suppurative)	78	99	98	Polio-myelitis	1	1	46
Diphtheria	1,095	849	648	Puerperal septicemia	35	37	46
Dysentery	1	1		Rabies in man	3		
German measles	63	107	195	Rabies in animals	12	13	14
Hookworm disease	1			Scarlet fever	29	25	28
Influenza	47	40	52	Smallpox	20	102	49
				Trachoma	12	21	13

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SUMMARY OF DISEASES—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>Mississippi—Continued.</b>				<b>New Jersey—Continued.</b>			
Tuberculosis (all forms).....	247	332	312	Ophthalmia neonatorum.....	2	7	5
Typhoid fever.....	101	88	68	Paratyphoid fever.....	—	—	7
Whooping cough.....	962	1,342	1,902	Pneumonia (all forms).....	844	801	763
<b>Missouri:</b>				Polioimyelitis.....	5	3	7
Anthrax.....	1	—	—	Scarlet fever.....	746	776	810
Cerebrospinal meningitis (epidemic).....	6	3	5	Smallpox.....	101	14	41
Chicken pox.....	303	255	234	Trachoma.....	5	1	4
Diphtheria.....	354	291	257	Trichinosis.....	—	2	5
Influenza.....	102	117	101	Tuberculosis (all forms).....	427	418	447
Measles.....	2,685	2,729	1,847	Typhoid fever.....	28	28	21
Mumps.....	126	281	432	Whooping cough.....	528	385	477
Occupational diseases and disabilities.....	—	1	—	<b>New Mexico:</b>			
Ophthalmia.....	2	—	—	Cerebrospinal meningitis (epidemic).....	—	2	4
Pneumonia (all forms).....	95	123	91	Chicken pox.....	51	74	77
Polioimyelitis.....	—	1	—	Conjunctivitis (infectious).....	—	5	15
Rabies in animals.....	—	1	—	Diphtheria.....	80	73	49
Scarlet fever.....	502	580	665	Dysentery (amebic).....	—	2	—
Septic sore throat.....	6	16	2	Hookworm disease.....	—	1	1
Smallpox.....	33	51	231	Influenza.....	9	7	34
Tetanus.....	3	3	1	Lethargic encephalitis.....	—	—	3
Trachoma.....	9	24	8	Malaria.....	1	—	—
Tuberculosis (all forms).....	282	179	105	Measles.....	203	438	1,212
Typhoid fever.....	25	17	25	Mumps.....	35	38	40
Whooping cough.....	367	263	300	Occupational diseases and disabilities.....	1	—	—
<b>Montana:</b>				Pellagra.....	—	—	—
Cerebrospinal meningitis (epidemic).....	—	3	2	Pneumonia (all forms).....	32	65	64
Chicken pox.....	115	74	63	Polioimyelitis.....	1	—	—
Conjunctivitis (epidemic).....	—	4	—	Puerperal septicemia.....	—	—	1
Diphtheria.....	29	52	56	Scarlet fever.....	38	48	35
Influenza.....	11	9	7	Septic sore throat.....	—	3	—
Lethargic encephalitis.....	1	2	1	Smallpox.....	3	5	6
Measles.....	1,986	1,982	1,269	Tuberculosis (all forms).....	77	64	61
Mumps.....	6	1	16	Typhoid fever.....	15	9	5
Pneumonia (all forms).....	16	10	21	Whooping cough.....	15	31	15
Rocky Mountain spotted or tick fever.....	—	1	—	<b>New York:</b>			
Scarlet fever.....	155	131	107	Anthrax.....	2	1	3
Septic sore throat.....	3	—	4	Cerebrospinal meningitis (epidemic).....	22	19	24
Smallpox.....	212	108	111	Chicken pox.....	3,730	2,895	2,836
Tuberculosis (all forms).....	58	56	54	Diphtheria.....	1,615	1,524	1,428
Typhoid fever.....	8	7	3	Dysentery.....	7	1	—
Whooping cough.....	40	62	55	German measles.....	206	—	966
<b>Nebraska:</b>				Influenza.....	436	634	596
Cerebrospinal meningitis (epidemic).....	3	1	—	Lethargic encephalitis.....	39	29	56
Diphtheria.....	136	61	73	Malaria.....	4	5	4
Influenza.....	5	—	6	Measles.....	7,739	9,956	15,035
Polioimyelitis.....	1	1	1	Mumps.....	1,474	1,715	2,624
Scarlet fever.....	221	144	110	Ophthalmia neonatorum.....	2	—	7
Typhoid fever.....	1	6	—	Paratyphoid fever.....	5	2	6
<b>Nevada:</b>				Pneumonia (all forms).....	3,041	3,428	3,875
Chicken pox.....	10	—	—	Polioimyelitis.....	11	12	8
Measles.....	14	—	—	Puerperal septicemia.....	4	—	19
Mumps.....	1	—	—	Scarlet fever.....	2,755	2,760	3,121
Pneumonia (all forms).....	20	—	—	Septic sore throat.....	30	40	32
Scarlet fever.....	6	—	—	Smallpox.....	24	49	37
Smallpox.....	1	—	—	Tetanus.....	8	6	4
Tuberculosis (pulmonary).....	—	—	—	Tuberculosis (pulmonary).....	1,845	1,332	1,807
<b>New Jersey:</b>				Tuberculosis (all forms).....	1,922	1,376	1,923
Anthrax.....	—	—	1	Trachoma.....	4	7	2
Cerebrospinal meningitis (epidemic).....	11	11	13	Typhoid fever.....	206	131	115
Chicken pox.....	1,403	1,362	1,041	Typhus fever.....	1	1	1
Diphtheria.....	607	422	448	Vincent's angina.....	16	17	18
Dysentery.....	—	—	1	Whooping cough.....	2,202	2,005	2,065
German measles.....	86	173	303	<b>North Carolina:</b>			
Influenza.....	130	126	130	Cerebrospinal meningitis (epidemic).....	3	1	3
Malaria.....	—	—	2	Chicken pox.....	1,002	855	1,029
Measles.....	1,417	1,918	2,735	Diphtheria.....	202	157	105
Occupational diseases and disabilities.....	6	2	4	Measles.....	6,014	8,089	9,520
				Ophthalmia neonatorum.....	4	—	—
				Scarlet fever.....	245	185	206
				Septic sore throat.....	11	7	6

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con'

## SUMMARY OF DISEASES—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
North Carolina—Continued.				Oregon—Continued.			
Smallpox.....	569	685	658	Measles.....	2,172	1,288	1,000
Typhoid fever.....	20	9	16	Mumps.....	15	22	34
Whooping cough.....	2,228	1,708	1,823	Paratyphoid fever.....		1	
North Dakota:				Pneumonia (all forms).....	17	12	9
Anthrax.....	4			Poliomyelitis.....	1		
Chicken pox.....	70	51	72	Puerperal septicemia.....	1		
Diphtheria.....	64	54	90	Rabies in animals.....	2		1
German measles.....	24		19	Scabies.....	8		
Influenza.....	4	5	15	Scarlet fever.....	101	111	66
Measles.....	1,028	1,149	1,177	Smallpox.....	95	103	117
Mumps.....	2	1	74	Tuberculosis (all forms).....	75	53	65
Paratyphoid fever.....			1	Typhoid fever.....	7	7	14
Pneumonia (all forms).....	68	112	135	Whooping cough.....	23	13	41
Poliomyelitis.....	1		2	Pennsylvania:			
Scarlet fever.....	225	231	292	Anthrax in man.....		1	
Septic sore throat.....	1			Cerebrospinal meningi-			
Smallpox.....	44	42	38	tis (epidemic).....	10	10	8
Trachoma.....	8		9	Chicken pox.....	3,935	3,389	3,216
Tuberculosis (all forms).....	68	17	21	Diphtheria.....	1,712	1,449	1,280
Typhoid fever.....	7	2	5	German measles.....		193	
Whooping cough.....	35	73	76	Impetigo.....		52	61
Ohio:				Lethargic encephalitis.....	3	6	6
Anthrax.....		1		Measles.....	2,366	2,981	3,695
Cerebrospinal meningi-				Mumps.....	1,810	2,504	3,450
gitis (epidemic).....	6	4	3	Occupational diseases.....		5	3
Chicken pox.....	1,868	1,608	1,514	Ophthalmia.....		6	11
Diarrhea and enteritis.....	2	5	1	Pneumonia (lobar).....	714	653	838
Diphtheria.....	972	723	628	Poliomyelitis.....	3	1	
Dysentery.....		3		Puerperal fever.....		3	11
German measles.....	21	39		Scabies.....		26	58
Influenza.....	59	78	94	Scarlet fever.....	2,210	2,298	2,154
Lethargic encephalitis.....	2	10	10	Smallpox.....	18	11	20
Malaria.....	1			Tetanus.....		2	1
Measles.....	937	1,122	2,231	Trachoma.....		6	2
Mumps.....	610	1,387	2,468	Trichinosis.....			1
Occupational diseases				Tuberculosis (all forms).....	509	464	546
and disabilities.....	80	63	39	Typhoid fever.....	165	127	74
Ophthalmia.....	121	125	129	Whooping cough.....	1,325	1,411	1,663
Paratyphoid fever.....	2	3		Rhode Island:			
Pneumonia (all forms).....	535	503	614	Cerebrospinal meningi-			
Poliomyelitis.....	1	2	3	tis (epidemic).....			2
Puerperal septicemia.....	2		2	Chicken pox.....	46	41	65
Rabies in man.....	1		1	Conjunctivitis.....			1
Scarlet fever.....	1,792	1,751	1,636	Diphtheria.....	106	69	49
Septic sore throat.....	47	54	67	Dysentery.....		1	
Small pox.....	401	514	741	German measles.....	3		3
Tetanus.....	1	1	1	Influenza.....	2	1	2
Trachoma.....	7	11	15	Lethargic encephalitis.....			1
Tuberculosis (all forms).....	523	541	708	Malaria.....		4	1
Typhoid fever.....	67	47	75	Measles.....	26	6	12
Whooping cough.....	949	1,050	1,156	Mumps.....	22	54	96
Oklahoma:				Ophthalmia neonatorum.....	3		
Cerebrospinal meningi-				Pneumonia (all forms).....	14	3	10
gitis (epidemic).....	2			Scarlet fever.....	432	410	485
Chicken pox.....			176	Septic sore throat.....	1	2	2
Diphtheria.....	57		118	Tuberculosis (pulmon-			
Dysentery.....	1		7	ary).....	36	33	56
Influenza.....	121			Tuberculosis (all forms).....	40	38	60
Malaria.....	44			Typhoid fever.....	8		
Measles.....	973		2,741	Whooping cough.....	54	46	18
Mumps.....			3	South Carolina:			
Pneumonia (all forms).....			240	Cerebrospinal meningi-			
Scarlet fever.....	59		97	tis (epidemic).....		1	2
Smallpox.....	334		267	Chicken pox.....	63	42	87
Trachoma.....			2	Diphtheria.....	124	111	84
Tuberculosis (all forms).....			77	Dysentery.....			4
Typhoid fever.....	49		20	Hookworm disease.....			11
Whooping cough.....			4	Influenza.....	99	88	40
Oregon:				Malaria.....	5	19	
Chicken pox.....	90	78	81	Measles.....	954	1,348	1,439
Diphtheria.....	138	115	121	Mumps.....	75	202	336
Impetigo.....	8			Pellagra.....	11	3	
Influenza.....	9	5	13	Pneumonia (all forms).....	34	34	9
Leprosy.....			1	Poliomyelitis.....		6	
Lethargic encephalitis.....		7		Rabies (in animals).....	19	21	28

1 Report for February not received at time of going to press.

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SUMMARY OF DISEASES—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
<b>South Carolina—Continued.</b>				<b>Virginia—Continued.</b>			
Scarlet fever	22		15	Diphtheria	298	219	157
Septic sore throat	5	3	2	Dysentery	38	50	53
Smallpox	68	50	236	Hookworm disease	12	22	28
Tuberculosis (all forms)	10	8	5	Influenza	3,569	4,283	3,833
Typhoid fever	5	6	5	Malaria	105	75	71
Whooping cough	67	107	107	Measles	2,395	3,235	3,323
<b>South Dakota:</b>				Pellagra	6	11	12
Cerebrospinal meningitis (epidemic)	3			Poliomyelitis	3	5	5
Chicken pox	193	148	125	Scarlet fever	290	213	217
Diphtheria	42	35	45	Smallpox	25	33	54
Influenza	33	9	6	Tuberculosis (pulmonary)	216	273	254
Measles	637	1,582	1,574	Typhoid fever	50	41	24
Mumps	36	32	2	Whooping cough	2,144	2,163	1,998
Pneumonia (all forms)	55	69	71	<b>Washington:</b>			
Puerperal fever	1			Cerebrospinal meningitis (epidemic)		2	1
Scarlet fever	323	275	250	Chicken pox	256	272	303
Smallpox	15	6	18	Diphtheria	143	136	151
Trachoma	1	2	5	German measles	6	1	
Trichinosis			1	Impetigo contagiosa	2		
Tuberculosis (all forms)	10	15	43	Measles	11,467	6,101	2,200
Typhoid fever	8	7	3	Mumps	172	222	176
Whooping cough	123	69	57	Pneumonia (all forms)	32	25	23
<b>Tennessee:</b>				Rabies in animals			1
Cerebrospinal meningitis (epidemic)	4	5	1	Scabies		2	
Chicken pox	295	316	331	Scarlet fever	323	239	264
Diphtheria	64	65	39	Smallpox	341	215	283
Influenza	454	1,009	520	Tetanus		1	
Malaria		3	3	Tuberculosis (all forms)	149	173	194
Measles	1,203	1,873	1,950	Typhoid fever	17	25	12
Ophthalmia neonatorum	1	1	1	Vincent's angina			1
Pellagra	30	36	33	Whooping cough	65	76	128
Pneumonia (all forms)	176	259	166	<b>West Virginia:</b>			
Poliomyelitis	1	1	1	Cerebrospinal meningitis (epidemic)	2		2
Scarlet fever	41	52	53	Chicken pox		170	227
Smallpox	338	714	379	Diphtheria	141	112	106
Trachoma		14	2	Influenza	173	291	401
Tuberculosis (pulmonary)	132	155	117	Measles	77	91	318
Typhoid fever	30	23	15	Poliomyelitis		1	1
Whooping cough	356	394	525	Scarlet fever	183	132	172
<b>Utah:</b>				Smallpox	32	54	114
Cerebrospinal meningitis (epidemic)		1	(1)	Tuberculosis (all forms)	47	61	81
Chicken pox	598	553		Typhoid fever	55	71	41
Diphtheria	61	36		Whooping cough		472	564
Influenza	495	534		<b>Wisconsin:</b>			
Measles	1,378	3,711		Anthrax	1		
Pneumonia (all forms)	97	108		Cerebrospinal meningitis (epidemic)	10	3	5
Poliomyelitis	1	1		Chicken pox	1,152	713	1,016
Scarlet fever	74	57		Diphtheria	367	260	286
Smallpox	35	9		German measles	8	15	46
Tuberculosis (pulmonary)	23	11		Influenza	115	110	165
Typhoid fever	4	5		Lethargic encephalitis		4	3
Whooping cough	204	188		Measles	1,308	1,817	1,908
<b>Vermont:</b>				Mumps	33	269	67
Chicken pox	209	137	104	Ophthalmia neonatorum	1		
Diphtheria	36	26	11	Pneumonia (all forms)	165	172	200
Measles	548	736	762	Poliomyelitis	1	3	1
Mumps	143	81	79	Scarlet fever	1,375	1,357	1,414
Pneumonia (all forms)	11			Smallpox	104	96	138
Scarlet fever	65	82	51	Trachoma	3	1	2
Septic sore throat	2			Tuberculosis (all forms)	191	196	150
Smallpox	31	11	14	Typhoid fever	17	23	17
Tuberculosis (pulmonary)	21	12	25	Whooping cough	663	609	741
Typhoid fever	2	1	1	<b>Wyoming:</b>			
Whooping cough	464	209	128	Cerebrospinal meningitis (epidemic)		1	
<b>Virginia:</b>				Chicken pox	68	59	43
Cerebrospinal meningitis (epidemic)	10	5	8	Diphtheria	11	7	5
Chicken pox	1,039	996	861	Impetigo contagiosa		4	
				Influenza			5
				Measles	555	384	513

<sup>1</sup> Report for month of March not received at time of going to press.



August 1, 1924

1922

## STATE REPORTS FOR JANUARY, FEBRUARY, AND MARCH, 1924—Con.

## SUMMARY OF DISEASES—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Jan.	Feb.	Mar.		Jan.	Feb.	Mar.
Wyoming—Continued.				Wyoming—Continued.			
Mumps.....		13	8	Septic sore throat.....		1	-----
Paratyphoid fever.....			1	Tuberculosis (pulmo-			
Pneumonia (all forms).....	6	13	10	nary).....			5
Rocky Mountain spotted or tick fever.....			1	Tuberculosis (all forms).....		6	-----
Scabies.....		3	2	Typhoid fever.....		4	6
Scarlet fever.....	53	21	23	Whooping cough.....	86	24	33

## FOREIGN AND INSULAR.

### BRITISH SOUTH AFRICA.

#### Relapsing Fever—Northern Rhodesia.

During the week ended June 2, 1924, a fatal case of relapsing fever was reported in northern Rhodesia. The disease was at first diagnosed as Weil's disease (infective jaundice). The case occurred in a native.

### CANARY ISLANDS.

#### Precautions Against Importation of Rabies—Teneriffe.

According to information dated June 23, 1924, the landing of dogs coming from Grand Canary Island has been prohibited by the sanitary authorities at Teneriffe, Canary Islands.

### CUBA.

#### Communicable Diseases—Habana.

Communicable diseases have been notified at Habana as follows:

Disease.	July 1-10, 1924.		Remain- ing under treat- ment July 10, 1924.
	New cases.	Deaths.	
Chicken pox.....	1		
Diphtheria.....	2		6
Leprosy.....			15
Malaria.....	21		147
Measles.....	6		9
Paratyphoid fever.....	7		14
Scarlet fever.....	2		3
Typhoid fever.....	204	39	234

<sup>1</sup> From the interior, 15.

<sup>2</sup> From the interior, 30.

#### Typhoid Fever.

During the same period, typhoid fever was reported to be increasing slowly but steadily. The sanitary department was stated to be taking vigorous measures to check the spread of the disease.

#### Typhoid Fever—Santiago.

During the week ended July 12, 1924, 15 cases of typhoid fever with 1 death were reported at Santiago, Cuba. The prevalence of the disease was stated to be attributed to inadequate water supply. A number of unreported cases were believed to exist in the city.

(1923)

**EGYPT.****Status of Plague.**

During the week ended June 17, 1924, 14 cases of plague, occurring in seven districts, were reported in Egypt, the highest number of cases reported in one district being 5. From January 1 to June 17, 1924, a total of 298 cases was reported, as against 1,036 cases reported for the corresponding period of the preceding year. For the period January 1 to June 26, 1924, the total number of cases reported was 316, with 156 deaths. For distribution of occurrence according to locality during the last named period, see page 1928.

**FINLAND****Communicable Diseases.**

Communicable diseases have been reported in Finland as follows:

Disease.	Cases.	
	May 16-31, 1924.	June 1-15, 1924.
Diphtheria.....	42	35
Lethargic encephalitis.....	3	2
Paratyphoid fever.....	20	5
Poliomyelitis.....	4	—
Scarlet fever.....	84	40
Typhoid fever.....	22	28

Population, officially estimated, 3,402,593.

**Anthrax—Dysentery.**

During the same period, anthrax and dysentery were notified in Finland as follows: May 16-31, 1924—Anthrax, 2 cases; dysentery, 5 cases. June 1-15, 1924—Dysentery, 7 cases.

**JAMAICA.****Smallpox (Reported as Alastrim).**

During the week ended July 5, 1924, 38 new cases of smallpox (reported as alastrim) were notified in the Island of Jamaica. Of this number, four cases were reported for the parish of Kingston.

**JAVA.****Epidemic Smallpox—Sampang, Madoera Residency.**

On May 22, 1924, epidemic smallpox was reported present at Sampang, Madoera Residency, Island of Java.

**MALTA.****Communicable Diseases—June 1-15, 1924.**

During the period June 1-15, 1924, communicable diseases were notified in the Island of Malta as follows:

Disease.	Cases.	Disease.	Cases.
Chicken pox.....	2	Tuberculosis.....	13
Lethargic encephalitis.....	2	Typhoid fever.....	11
Measles.....	56	Undulant fever.....	46
Scarlet fever.....	1	Whooping cough.....	4
Trachoma.....	6		

**PERSIA.****Epidemic Dengue Fever—Bushire.**

Epidemic dengue fever was reported present at Bushire, Persia, June 15, 1924.

**POLAND.****Communicable Diseases—April 27-May 3, 1924.**

During the period April 27 to May 3, 1924, communicable diseases were reported in Poland as follows:

Disease.	Cases.	Deaths.	Districts showing greatest number of deaths.
Cerebrospinal meningitis.....	9	6	Posen.
Diphtheria.....	62	12	Silesia.
Measles.....	58	4	Stanislawow.
Scarlet fever.....	145	9	Lwow.
Smallpox.....	16	1	Krakow.
Typhoid fever.....	152	17	Warsaw.
Typhus fever.....	290	31	Stanislawow.
Typhus fever, recurrent.....	7		
Whooping cough.....	30	3	Tarnopol.

Population, census, 27,166,163.

**Dysentery—Malaria.**

During the period under report 20 cases of dysentery with one death and 71 cases of malaria were reported in Poland.

**RUSSIA.****Communicable Diseases—Year 1923.**

According to information received under date of May 22, 1924, the official report of health conditions in Russia during the year 1923 shows marked improvement over conditions reported during the the years immediately preceding. Improved conditions as regards typhus fever prevalence were noted. In all Russia there were reported

in 1923, 242,890 cases of typhus fever and 258,271 cases of recurrent typhus as against 1,401,145 cases of typhus and 1,446,722 cases of recurrent typhus in the year 1922. The following case rates per 10,000 persons were given for typhus and recurrent typhus for the years 1919, 1920, 1921, 1922, and 1923:

	1919	1920	1921	1922	1923
Typhus exanthematicus.....	365.3	293.9	54.0	109.2	18.1
Typhus, recurrent.....	42.3	127.3	65.1	112.7	18.9

The increase of typhus prevalence, after a diminution in 1921, was attributed to famine conditions and mass migration. The decrease in 1923 was stated to indicate improved living conditions.

Notwithstanding the generally decreased prevalence of typhus fever in Russia, certain regions of the country continued to show high degrees of prevalence in 1923, notably in the Volga and Ural Provinces and oblasts, particularly in the Ural and Votsk oblasts, and in the Bashkir Republic, the Ukraine and Siberia.<sup>1</sup>

*Cholera.*—It was stated that cholera, which in 1918 was widely prevalent, showed only one small outbreak in 1923, occurring at Rostov with about 70 cases. In a number of other localities single cases were reported, and the disease was stated not to have had an epidemic character in any locality.

*Typhoid fever.*—There were reported during the year 1923, 912 cases of typhoid fever as against 307,951 cases in the preceding year.

*Dysentery.*—There were reported 214,862 cases in the year 1923 as against 290,940 cases in the preceding year.

The decrease noted in intestinal infections indicates that the food supply of the population has improved, including the water supply. Starvation and the eating of food substitutes were stated to be now conditions of the past. These improved conditions explain the decrease in scurvy, of which in 1923 there were registered 47,571 cases as against 131,551 cases in the preceding year. Despite the decrease, intestinal disorders continued to be present in considerable numbers. The sanitary campaign of the near future is indicated to be improvement in the food supply of the people, better water supplies, and improved drainage.

*Smallpox.*—In 1923 there were registered 44,628 cases of smallpox, or 3.3 out of every 10,000 persons. The frequency of occurrence was stated to have diminished from that of former years and to have approached pre-war rates. Large outbreaks of smallpox were noted in the northern Provinces and oblasts, such as Archangel, North Dvina, the Volga Provinces, the Zyryan Republic, in districts in

<sup>1</sup> Public Health Reports, June 29, 1923, p. 1517, and Dec. 28, 1923, p. 3153.



which the population was mainly of non-Russian elements, and in Siberia. Vaccination was stated to be carried out in the central Provinces. In the large centers every individual was required to be vaccinated, whereas in the border Provinces the service of smallpox vaccination was stated to be poorly organized.

*Scarlet fever.*—Low figures have been reported for scarlet fever and diphtheria for a number of years, beginning with the year 1918, but for 1923 these diseases registered an increase. The number of cases of scarlet fever was 108,239 in 1923 as against 66,257 cases in the preceding year; diphtheria increased by 15,000 (47,870 against 32,398).

*Influenza.*—This disease was stated to have considerably increased, 1,083,016 cases having been reported in 1923 as against 537,520 in 1922.

*Anthrax (Siberian plague).*—In 1923, 7,081 cases were registered as against 3,904 cases in the preceding year.

*Lethargic encephalitis.*—The total number of cases of lethargic encephalitis registered in 1923 was 960. The greatest occurrence of the disease was in the Province of Moscow, in the Caucasus (Don Province) and in the Ukraine.

*Malaria.*—Malaria was stated to have greatly increased throughout the entire Federation, 5,556,856 cases being reported, a case rate of 42 per 1,000 population. In some localities, notably the northern Provinces, the Volga districts, and the Caucasus, malaria assumed very severe forms with a large percentage of deaths. Institutes for tropical medicine to combat the disease were opened in Moscow, Kharkov, Erivan, Tiflis, and Bokhara, and over a hundred malarial stations were established. Economic organizations, trade-unions, and insurance organizations participated. Sanitary instruction was conducted on a large scale. A special moving-picture film was issued. Special weeks for malaria work were instituted in some localities, and at Orekhovo-Zuyevo for the destruction of mosquitoes. It is stated that this work will be facilitated by recent legislation which has rendered possible a wider campaign for combating this great health menace of the country.

#### UNION OF SOUTH AFRICA.

##### Plague—Orange Free State.

During the week ended June 7, 1924, one case of plague with one death, occurring in a European, was reported in the Orange Free State, Union of South Africa.

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.**

The reports contained in the following tables must not be considered as complete or final as regards either the lists of countries included or the figures for the particular countries for which reports are given.

**Reports Received During Week Ended August 1, 1924.<sup>1</sup>****CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
India.....				May 18-24, 1924: Cases, 6,573; deaths, 4,402.
Madras.....	June 15-21.....	1	1	
Rangoon.....	June 8-14.....	6	5	
Siam:				
Bangkok.....	June 1-7.....	6	4	

**PLAGUE.**

Ceylon:				
Colombo.....	June 8-14.....	3	1	One plague rat.
China:				
Foochow.....	June 1-14.....		11	Cases not reported.
Egypt.....				June 11-17, 1924: Cases, occurring in districts, 14. Jan. 1-June 26, 1924: Cases, 316; deaths, 156.
City—				
Alexandria.....	Apr. 2.....	1	1	
Port Said.....	Apr. 24-May 31.....	2	1	
Suez.....	Jan. 2-June 26.....	11	5	
Province—				
Assiout.....	Apr. 1-June 18.....	40	31	
Beni-Souef.....	June 21.....	3	3	
Charkieh.....	Jan. 31.....	1	1	
Fayoum.....	Feb. 18-June 19.....	105	32	
Gharbia.....	Apr. 21-June 17.....	2	1	
Ghirgeh.....	Jan. 17-May 13.....	10	3	
Kalioubieh.....	Jan. 6-May 22.....	10	1	
Kena.....	Apr. 9-May 17.....	44	26	
Menoufieh.....	Jan. 2-June 12.....	48	31	
Minia.....	Feb. 5-June 26.....	39	20	
India.....				May 18-24, 1924: Cases, 14,553; deaths, 11,619
Bombay.....	June 8-14.....	4	4	
Karachi.....	June 15-21.....	1	1	
Rangoon.....	June 8-14.....	16	16	
Iraq:				
Bagdad.....	May 25-June 7.....	26	1	
Union of South Africa:				
Orange Free State.....	June 1-7.....	1	1	In a European.

**SMALLPOX.**

Brazil:				
Porto Alegre.....	June 8-14.....		1	
British South Africa:				
Northern Rhodesia.....	June 3-9.....	18		Natives.
Canada:				
British Columbia—				
Vancouver.....	July 6-12.....	4		
New Brunswick—				
Restigouche County.....	do.....	4		
China:				
Antung.....	June 9-22.....	34	3	
Chungking.....	June 8-14.....			Present.
Foochow.....	June 1-14.....			Do.
Tientsin.....	June 8-14.....	1		British municipality.
Chosen:				
Fusan.....	May 1-31.....	1		
Egypt:				
Cairo.....	Apr. 9-15.....	8	2	
Port Said.....	June 18-24.....	1	2	
France:				
Marseille.....	May 1-31.....		1	

<sup>1</sup> From medical officers of the Public Health Service, American consuls, and other sources.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

## **Reports Received During Week Ended August 1, 1924—Continued.**

### **SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Great Britain:				
England and Wales				June 22-28, 1924: Cases, 65. June 29-July 5, 1924: Cases, 62.
Counties—				
Derby	June 22-28	24		
Do.	June 29-July 5	20		
London	do.	1		
Northumberland	June 22-28	11		
Do.	June 29-July 5	7		
Nottingham	June 22-28	2		
Do.	June 29-July 5	13		
Yorks (North Riding)	June 22-28	13		
Do.	June 29-July 5	5		
Greece:				
Saloniki	Jan. 28-Feb. 3	1	1	
India:				May 18-24, 1924: Cases, 3,210; deaths, 745.
Bombay	June 8-14	40	23	
Karachi	June 15-21	1		
Madras	do.	4	2	
Rangoon	June 8-14	19	1	
Jamaica:				June 29-July 5, 1924: Cases, 33 (Alastrim).
Kingston	June 29-July 5	4		
Java:				
Madoera Residency—				
Sampang	May 22			Epidemic.
Mexico:				
Guadalajara	July 8-14		1	
Tampico	July 1-10	4	4	
Poland:				Apr. 27-May 3, 1924: Cases, 16; deaths, 1.
Portugal:				
Lisbon	June 29-July 5	2		
Russia:				Jan. 1-Dec. 31, 1923: Cases, 44,628.
Spain:				
Malaga	June 29-July 5		2	
Switzerland:				
Berne	June 22-28	4		
Tunis:				
Tunis	July 1-7	1	3	

### **TYPHUS FEVER.**

China:				
Antung	June 2-16	6		
Chungking	June 8-14			Present.
Chosen:				
Chemulpo	May 1-31	7		
Seoul	do.	25	2	
Egypt:				
Cairo	Apr. 9-15	3	2	
Poland:				Apr. 13-May 3, 1924: Cases, 869; deaths, 65. Recurrent typhus: Cases, 24; deaths, 2.
Russia:				Jan. 1-Dec. 31, 1923: Cases, 242,890. Recurrent typhus: Cases, 253,271.
Union of South Africa:				
Cape Province	June 1-7			Outbreaks.
Natal	do.			Do.
Orange Free State	do.			Do.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to July 25, 1924.<sup>1</sup>**

## **CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
India:				Apr. 20-May 17, 1924: Cases, 38,861; deaths, 29,020.
Bombay.....	May 4-10.....	1		
Calcutta.....	May 11-June 7.....	137	116	
Madras.....	June 1-14.....	6	5	
Rangoon.....	May 11-31.....	59	44	
Indo-China:				
Saigon.....	Apr. 27-May 3.....	1	1	
Philippine Islands:				
Province—				
Cagayan.....	Mar. 30-Apr. 5.....	1	1	
Laguna.....	May 18-24.....	1	1	
Siam:				
Bangkok.....	May 4-31.....	8	8	

## **PLAGUE.**

Argentina:				Apr., 1924: Cases reported.
Chaco Territory.....				
British East Africa:				
Kenya—				
Tanganyika Territory.....	Feb. 24-Mar. 1.....		1	
Canary Islands:				
Teneriffe—				
La Laguna.....	June 20.....	1		
Ceylon:				
Colombo.....	May 11-31.....	5	2	
Chile:				
Antofagasta.....	June 1-16.....	4		
China:				
Foochow.....	May 4-31.....		13	
Ecuador:				
Eloy Alfaro.....	May 16-31.....	1		
Guayaquil.....	May 16-June 15.....	2		Rats taken, 14,987; found infected, 88.
Egypt:				Jan. 1-June 10, 1924: Cases, 284
City.....				
Alexandria.....	Apr. 2.....	1	1	
Port Said.....	Apr. 24-June 3.....	2		
Suez.....	May 14-20.....	1		
Province—				
Assiout.....	Apr. 1-May 25.....	37	28	
Charkieh.....	Jan. 31.....	1	1	
Fayoum.....	Feb. 18-May 29.....	76	21	
Gharbieh.....	Apr. 21.....	1	1	
Girgeh.....	Jan. 17-May 13.....	10	3	
Kalloubieh.....	Jan. 6-May 22.....	10	1	
Kena.....	Apr. 9-May 17.....	44	26	
Menoufieh.....	Jan. 2-May 16.....	43	28	
Minia.....	Feb. 5-May 27.....	18	11	
Greece:				
Patras.....	July 7.....	36		
India:				Apr. 20-May 17, 1924: Cases, 60,240; deaths, 49,171.
Bombay.....	May 4-June 7.....	44	39	
Calcutta.....	May 11-June 14.....	10	10	
Karachi.....	May 18-June 14.....	15	12	
Madras Presidency.....	May 18-31.....	7	2	
Rangoon.....	May 11-June 7.....	32	33	
Indo-China:				
Saigon.....	May 4-10.....	1	1	Including 100 square kilometers of surrounding country.
Iraq:				
Bagdad.....	Apr. 20-May 24.....	88	55	
Japan:				
Shizuoka Prefecture—				
Higashi.....				To June 20, 1924: Cases, 2; death, 1.
Madagascar:				
Tananarive Province.....				Apr. 1-30, 1924: Cases, 105; deaths, 99.
Tananarive Town.....	Apr. 1-30.....	9	9	
Other localities.....	do.....	96	90	
Persia:				
Bushire.....	Apr. 1-30.....	1	1	

<sup>1</sup> From medical officers of the Public Health Service, American consuls, and other sources.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to July 25, 1924—Continued.**

## **PLAGUE—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Peru.....				May 1-31, 1924: Cases, 5; deaths, 5.
Lima (city).....	May 1-31.....	3	4	
Lima (country).....	do.....	1		
Mollendo.....	do.....	1	1	
Siam:				
Bangkok.....	May 4-10.....	2	2	
Union of South Africa.....				Apr. 27-May 31, 1924: Cases, 27; deaths, 13. Dec. 16, 1923, to May 31, 1924: Cases, 347; deaths, 208 (white, 51 cases, 26 deaths; native, 296 cases, 182 deaths).
Orange Free State.....				May 11-31, 1924: Cases, 17; deaths, 5.

## **SMALLPOX.**

Bolivia:				
La Paz.....	May 1-31.....	2	4	
Brazil:				
Bahia.....	May 18-24.....	1		
Porto Alegre.....	do.....	1		
Rio de Janeiro.....	do.....	2		
British East Africa:				
Kenya—				
Mombasa.....	May 4-31.....	3		
British South Africa:				
Northern Rhodesia.....	May 6-26.....	39	1	Natives.
Canada:				
British Columbia—				
Vancouver.....	June 15-28.....	11		
Do.....	June 29-July 5.....	9		Not including suburbs.
New Brunswick—				
Restigouche County.....	June 1-30.....	7		
Ontario.....				June 1-30, 1924: Cases, 24.
Windsor.....	June 22-28.....	1		
Quebec—				
Montreal.....	June 8-14.....	1		
Chile:				
Antofagasta.....	June 11.....			Under treatment at Lazaretto, 2 cases.
Valparaiso.....	June 1-7.....		1	This report covers the two principal districts of Valparaiso.
China:				
Amoy.....	May 11-June 7.....		1	
Chungking.....	do.....			Present.
Foochow.....	May 18-31.....			Do.
Hongkong.....	May 4-24.....	25	19	
Manchuria—				
Dairen.....	May 12-June 1.....	20	7	
Harbin.....	May 13-19.....	1		
Nanking.....	May 18-June 14.....			Do.
Shanghai.....	May 25-31.....		1	
Tientsin.....	May 4-31.....	9	1	
Denmark:				
Copenhagen.....	May 18-31.....	3	1	
Egypt:				
City—				
Alexandria.....	June 4-10.....	1		
Cairo.....	Feb. 19-Apr. 1.....	22	3	
France:				
Paris.....	May 21-31.....	2		
Great Britain:				
England and Wales.....				May 25-June 21, 1924: Cases, 277.
Counties—				
Derby.....	May 25-June 21.....	135		
Northumberland.....	do.....	50		
Nottingham.....	May 25-June 21.....	27		
Yorks (North Riding).....	do.....	41		
Greece:				
Saloniki.....	Apr. 21-May 4.....	7	2	



# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to July 25, 1924—Continued.**

## **SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>India:</b>				Apr. 20-May 17, 1924: Cases, 13,889; deaths, 3,148.
Bombay.....	May 4-June 7.....	299	206	
Calcutta.....	May 11-June 14.....	15	15	
Karachi.....	May 18-June 14.....	38	17	
Madras.....	do.....	21	6	
Rangoon.....	May 11-June 7.....	29	14	
<b>Indo-China:</b>				
Saigon.....	Apr. 27-May 17.....	81	45	
<b>Iraq:</b>				
Bagdad.....	Apr. 20-May 24.....	8	1	
<b>Italy:</b>				
Messina.....	May 26-June 1.....	1		
<b>Jamaica:</b>				June 1-28, 1924: Cases, 141. (Reported as alastrim.)
Kingston.....	June 1-28.....	6		Reported as alastrim.
<b>Japan:</b>				
Kobe.....	May 23-June 21.....	3		
Nagoya.....	June 8-14.....	2		
<b>Java:</b>				
East Java—				
Soerabaya.....	Apr. 13-May 17.....	170	59	
<b>Latvia:</b>				
.....	Apr. 1-30.....	1		
<b>Mexico:</b>				
Guadalajara.....	May 1-June 30.....	9	4	
Mexico City.....	May 4-June 14.....	81		Including municipalities in Federal district.
Salina Cruz.....	May 23-31.....	1	1	
Tampico.....	June 14-20.....	2		
<b>Palestine:</b>				June 17-23, 1924: 20 cases in northern district.
Samaria Province—				
Samak.....	May 27-June 2.....	1		
<b>Poland:</b>				Mar. 30-Apr. 23, 1924: Cases, 148; deaths, 6.
<b>Portugal:</b>				
Lisbon.....	May 25-June 21.....	7	1	
Oporto.....	May 11-June 21.....	18	10	
<b>Siam:</b>				
Bangkok.....	Apr. 27-May 17.....	3	4	
<b>Spain:</b>				
Barcelona.....	Year 1923.....	160		
Valencia.....	June 8-21.....	3		
<b>Straits Settlements:</b>				
Singapore.....	May 4-24.....	2	1	
<b>Sumatra:</b>				
Medan.....	Jan. 1-31.....	5		
<b>Switzerland:</b>				
Berne.....	May 25-June 21.....	18		
<b>Syria:</b>				
Damascus.....	May 28-June 3.....	7		
<b>Tunis:</b>				
Tunis.....	May 27-June 30.....	17	4	
<b>Turkey:</b>				
Constantinople.....	June 1-7.....	1		
<b>Union of South Africa:</b>				Mar. 1-Apr. 30, 1924: Cases, 80 (white, 5; native, 75).
Cape Province.....	May 4-31.....			Outbreaks.
Orange Free State.....	May 4-10.....			Do.
Transvaal.....	do.....			Do.
<b>On vessel:</b>				
S. S. Karoa.....	May 7.....	1		At Durban, South Africa, from Bombay, India. Vessel left Bombay Apr. 16, 1924. Patient, European.
S. S. Mount Evans.....	July 8.....	1		At Key West, Fla., from Manchester, England.

## **TYPHUS FEVER.**

<b>Algeria:</b>			
Algiers.....	May 1-31.....	19	8
<b>Brazil:</b>			
Porto Alegre.....	June 1-7.....		1

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to July 25, 1924—Continued.**

## **TYPHUS FEVER—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Chile:				
Antofagasta.....	May 20-26.....		3	June 16, 1924: Two cases in Lazaretto.
Concepcion.....	May 25-31.....	2		
Talcahuano.....	May 25-June 14.....		9	
China:				
Chungking.....	May 11-24.....			Widespread.
Egypt:				
Cairo.....	Feb. 19-Mar. 31.....	14	7	
Great Britain:				
Ireland—				
Dublin.....	June 8-14.....	1		
Greece:				
Saloniki.....	Apr. 20-May 4.....	6		
Iraq:				
Bagdad.....	Apr. 27-May 10.....	2		
Latvia:				
Latvia.....	Apr. 1-30.....	39		
Mexico:				
Guadalajara.....	May 1-June 30.....	2	2	Including municipalities in Federal District.
Mexico City.....	May 4-June 7.....	44		
Palestine:				
Jaffa.....	June 17-23.....	1		
Poland:				
Poland.....				Mar. 30-Apr. 12, 1924: Cases, 674; deaths, 77. Recurrent typhus: Cases, 3; deaths, 1.
Portugal:				
Oporto.....	June 15-21.....		1	
Syria:				
Aleppo.....	June 8-14.....	1		
Tunis:				
Tunis.....	May 27-June 9.....	4		
Turkey:				
Constantinople.....	May 18-June 7.....	7	1	
Union of South Africa:				
Cape Province.....	Mar. 1-Apr. 30.....	144	11	Mar. 1-Apr. 30, 1924: Cases, 257; deaths, 26 (white, cases, 18; deaths, 1; native, cases, 2; deaths, 25).
Natal:				Mar. 1-Apr. 30, 1924: Cases, 9; deaths, 2.
Durban.....	Apr. 20-26.....	1		
Orange Free State.....	Mar. 1-Apr. 30.....	55	8	
Transvaal.....	do.....	31	4	
Johannesburg.....	May 11-24.....	2		

## **YELLOW FEVER.**

Brazil:				
Pernambuco.....	May 11-17.....	2	1	

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